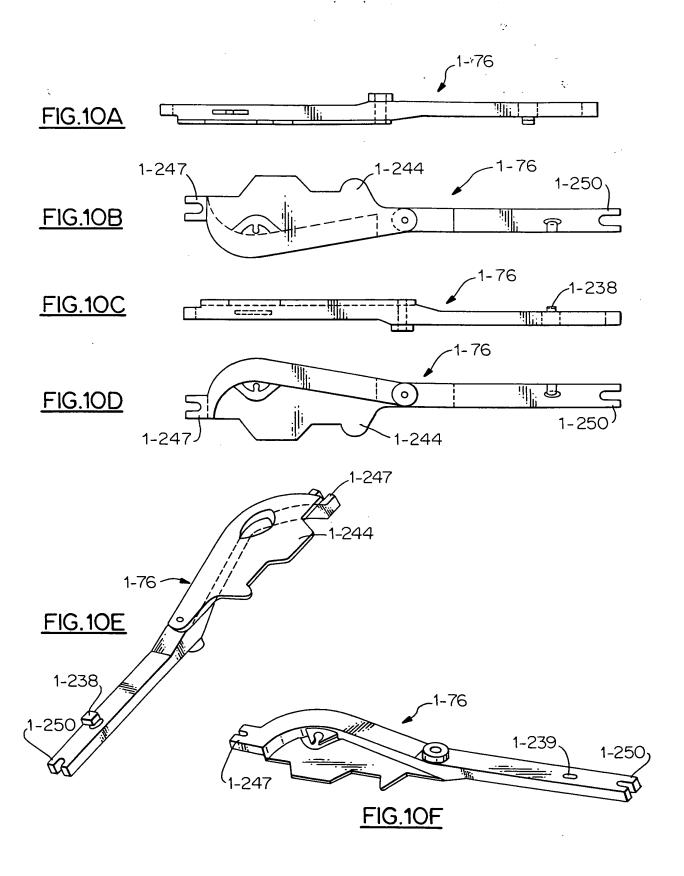
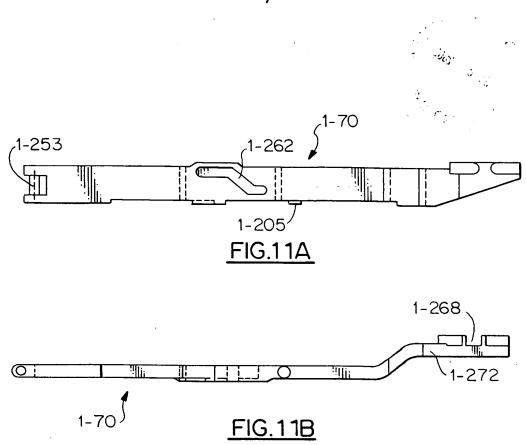
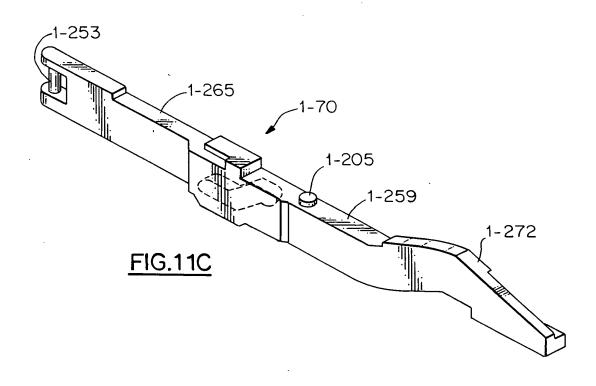
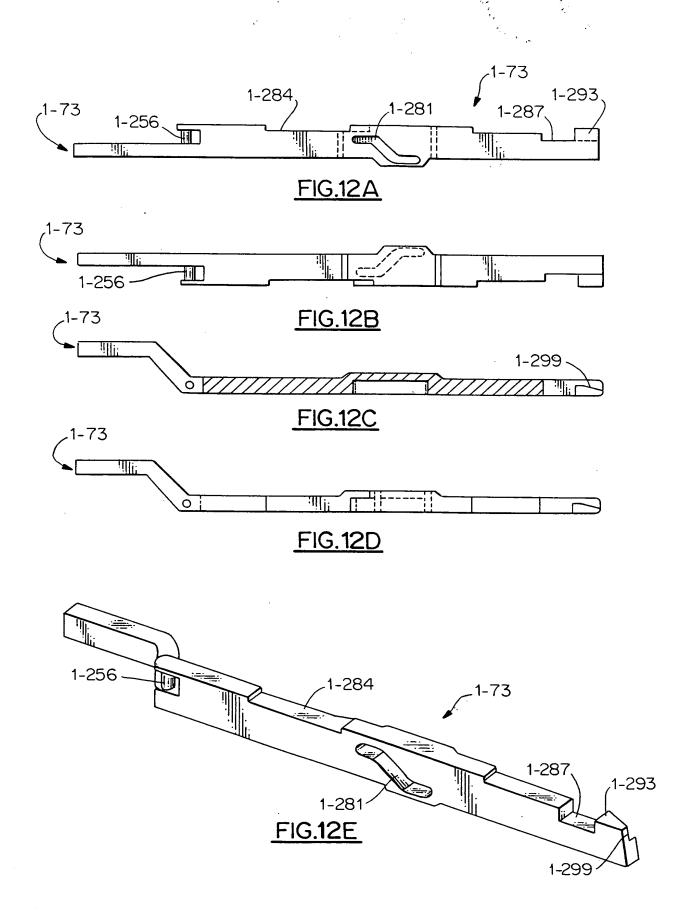


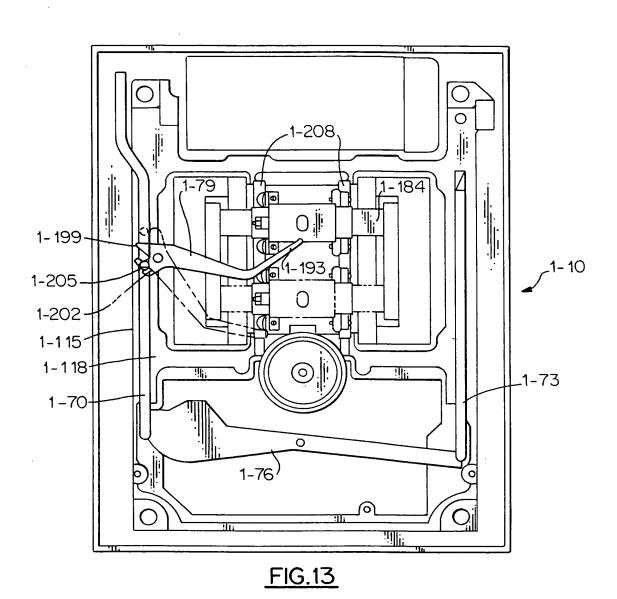
FIG.9

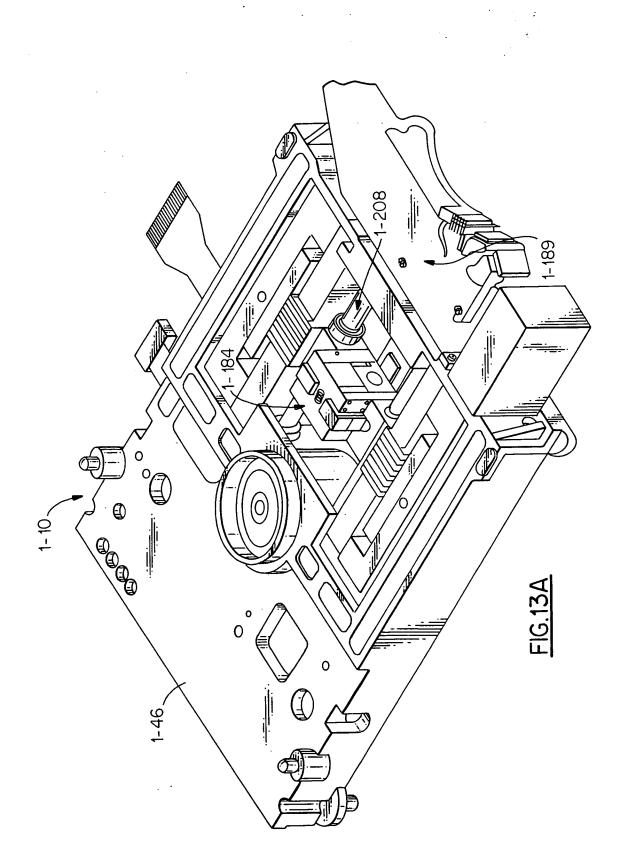


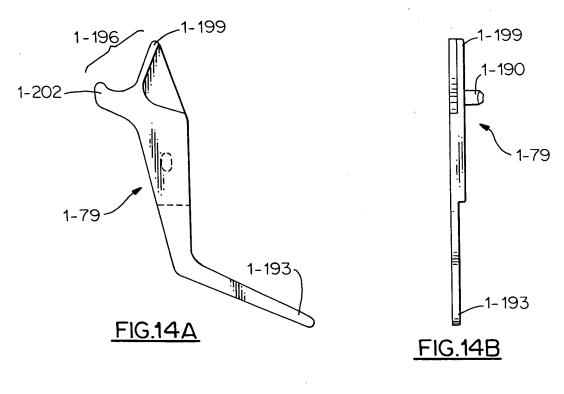


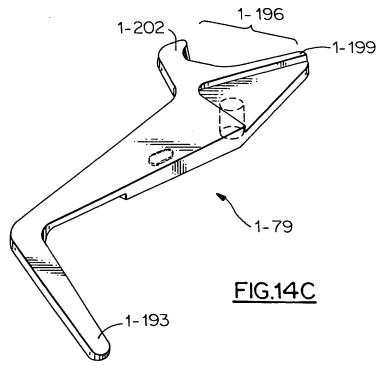


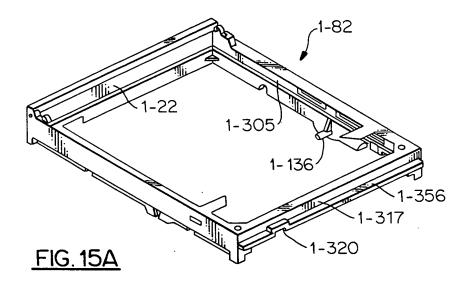


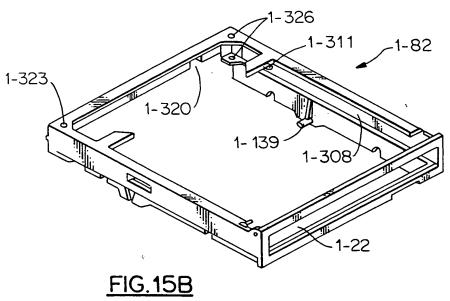


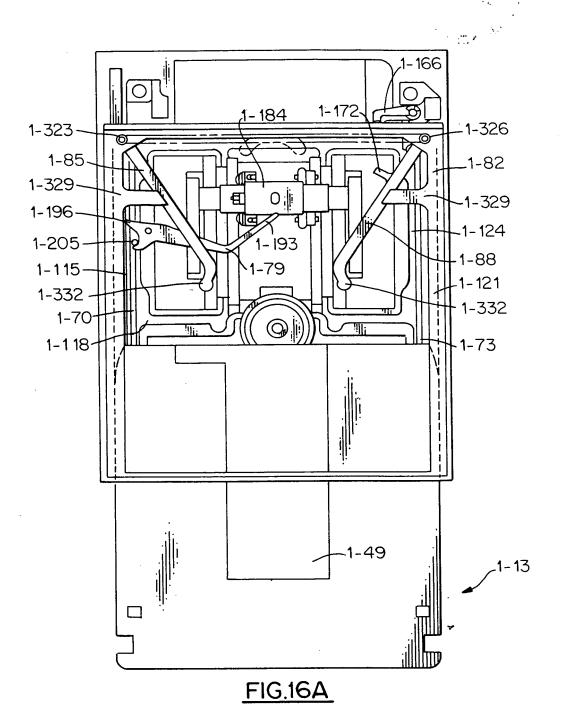


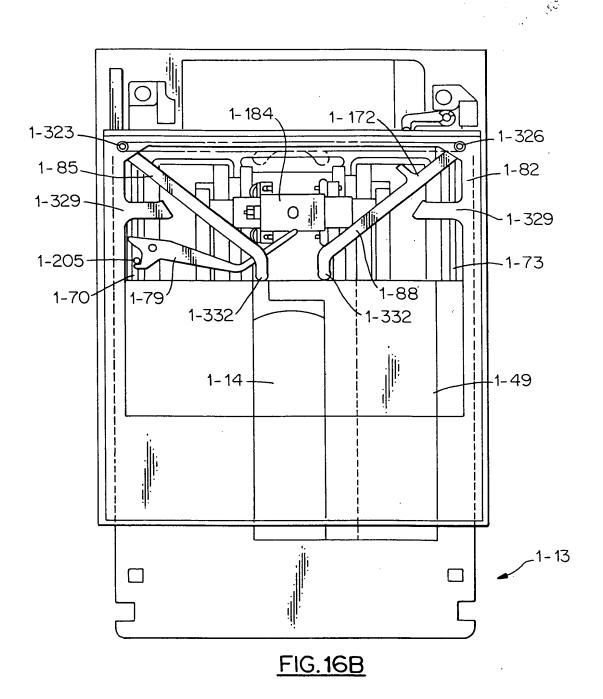


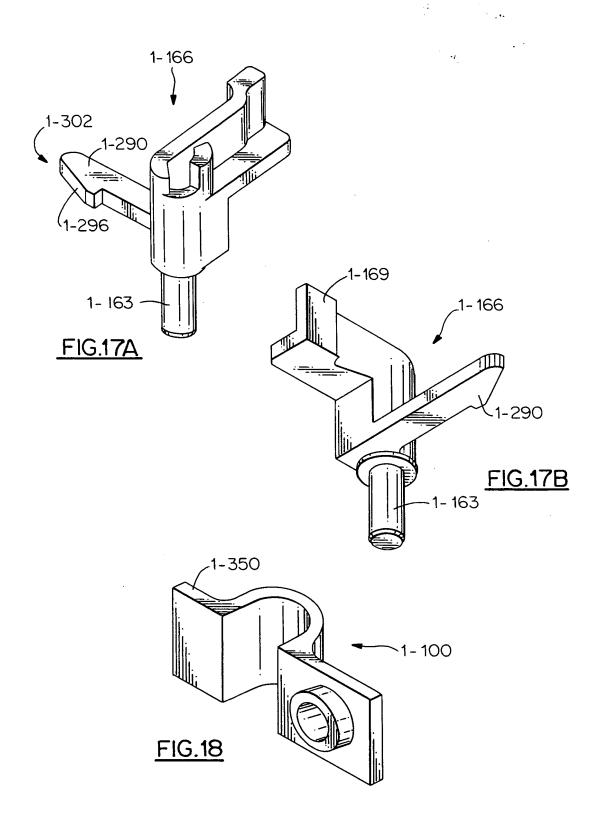


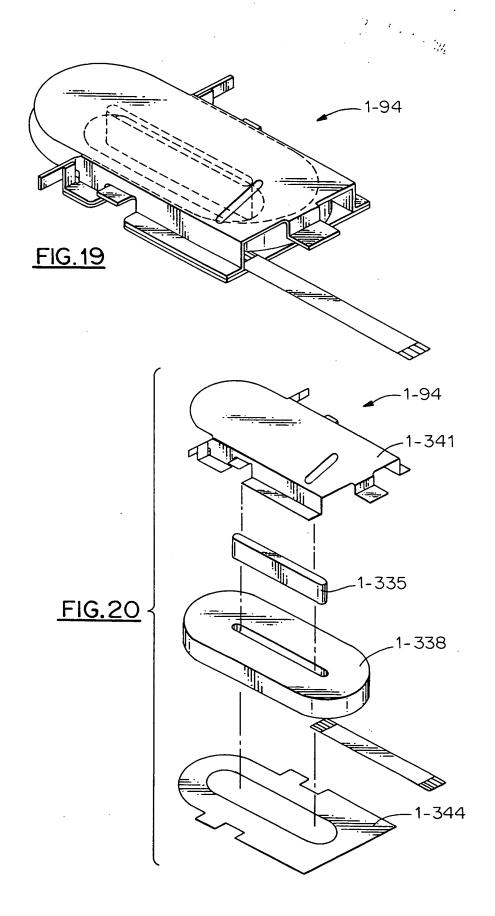


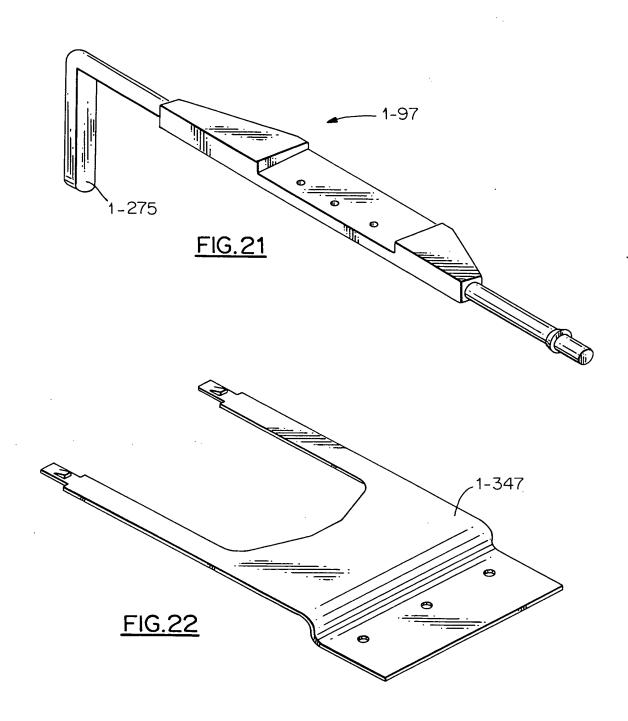


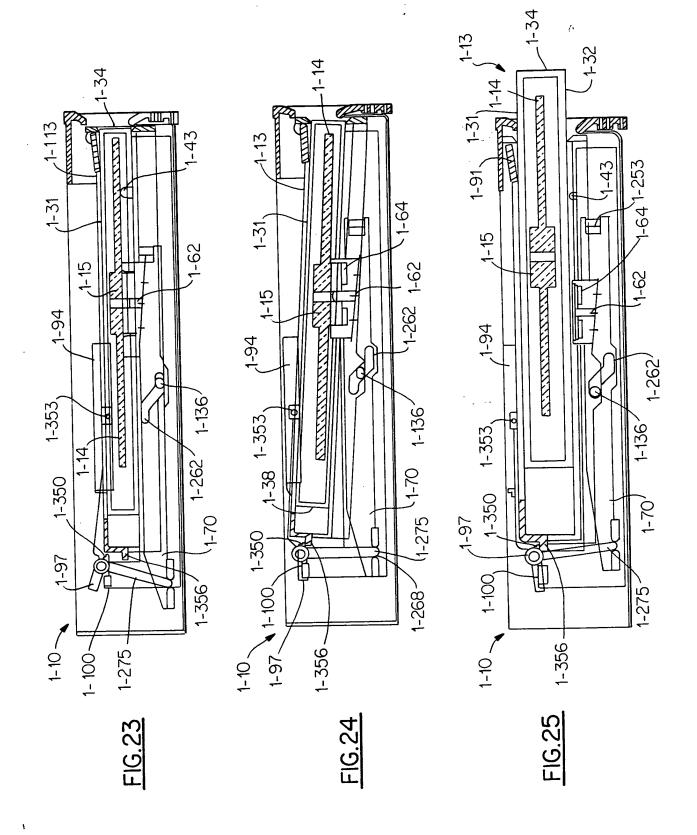


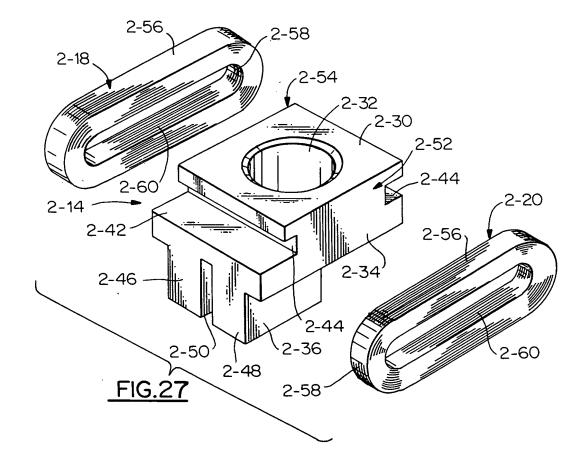




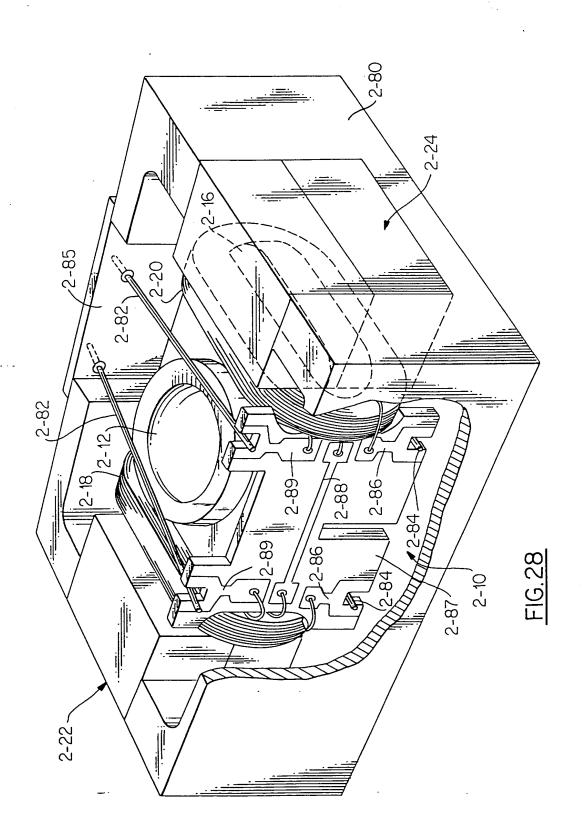


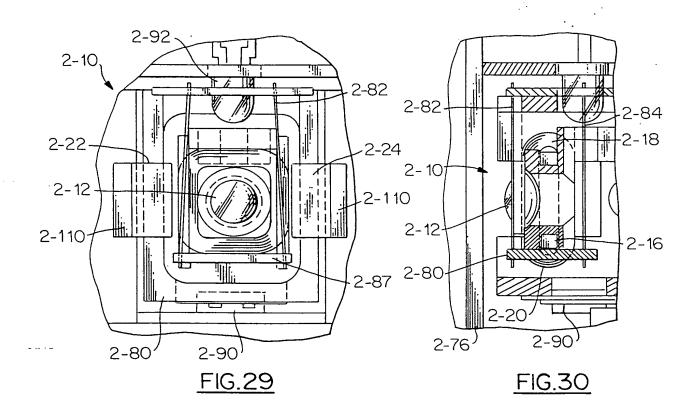


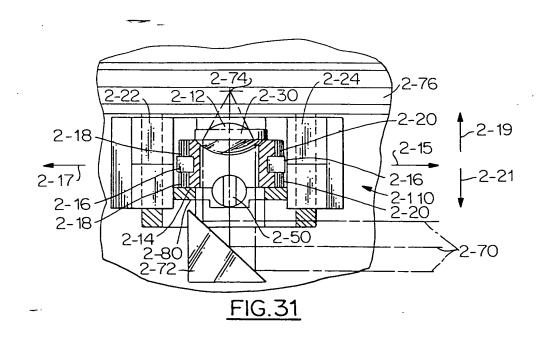


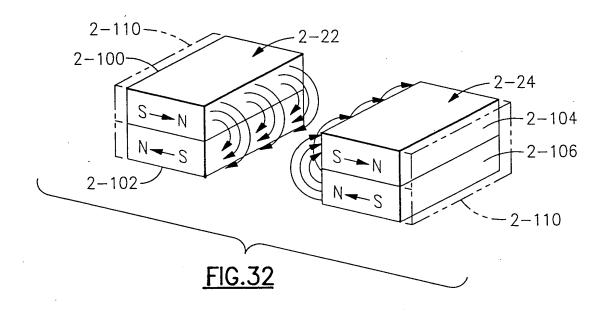


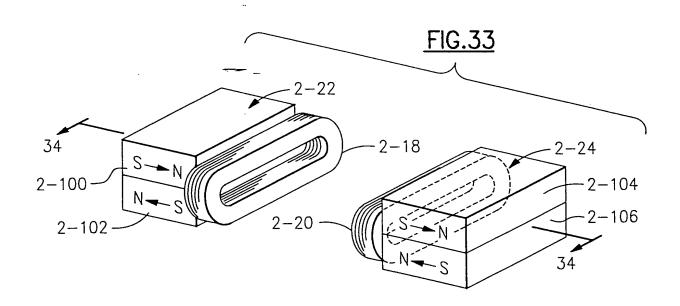
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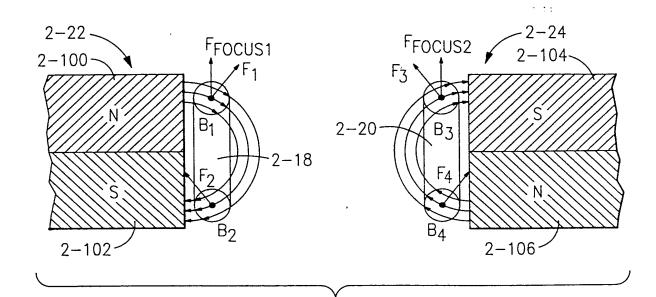














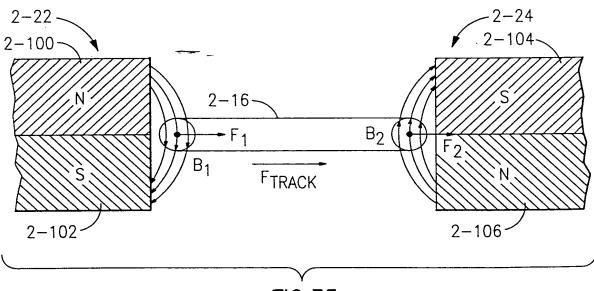
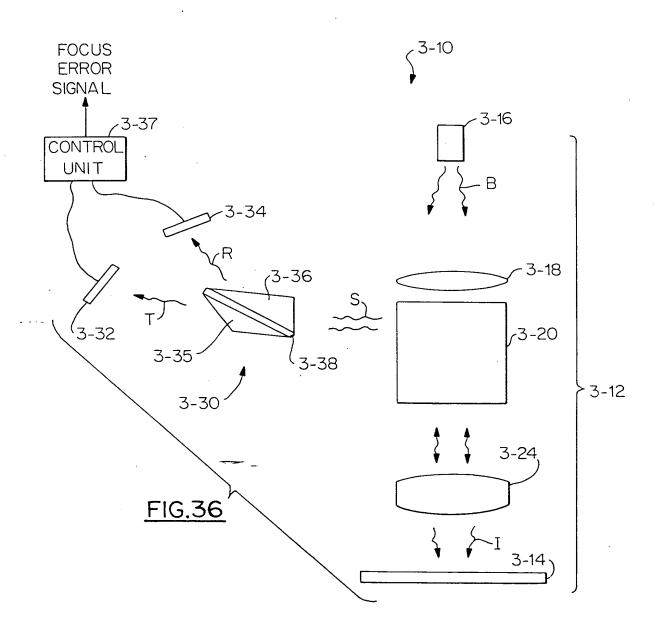
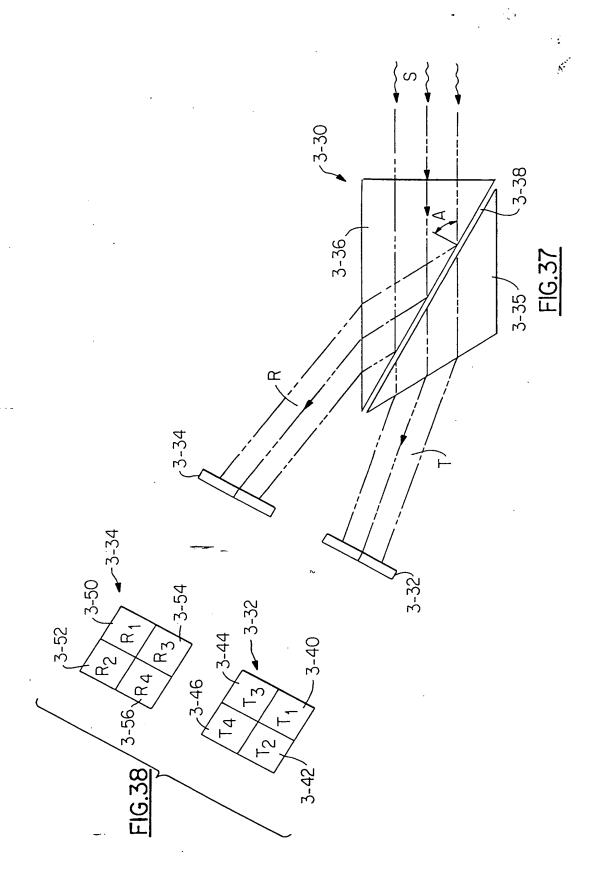
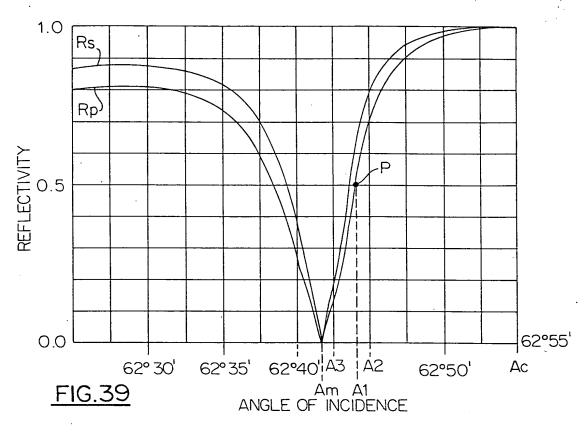
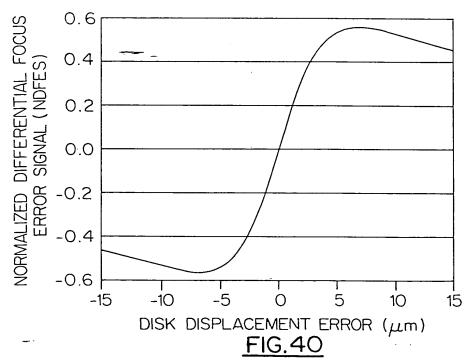


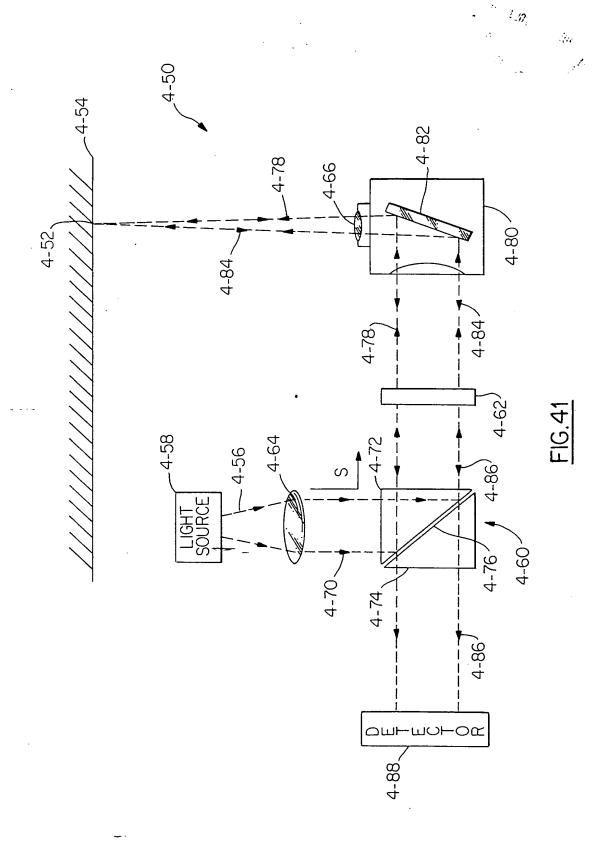
FIG.35

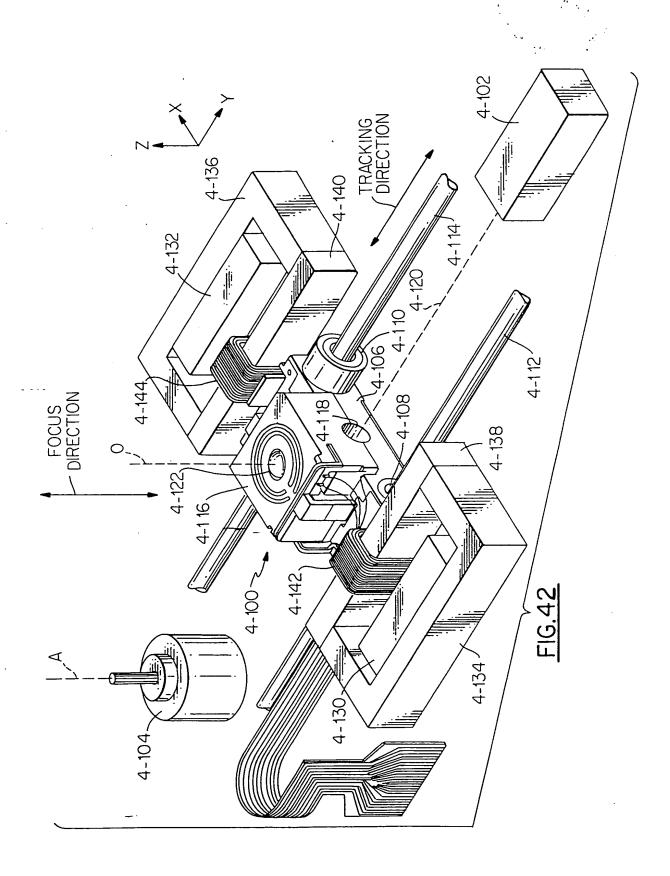


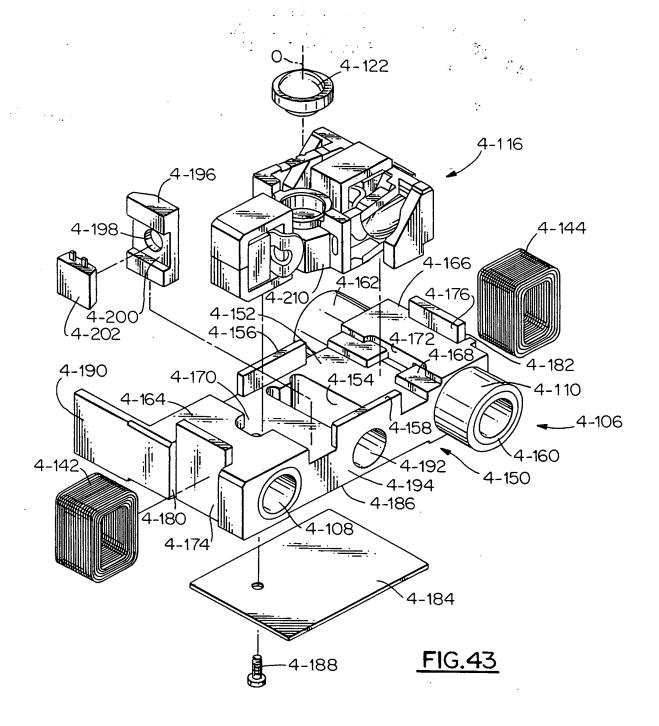


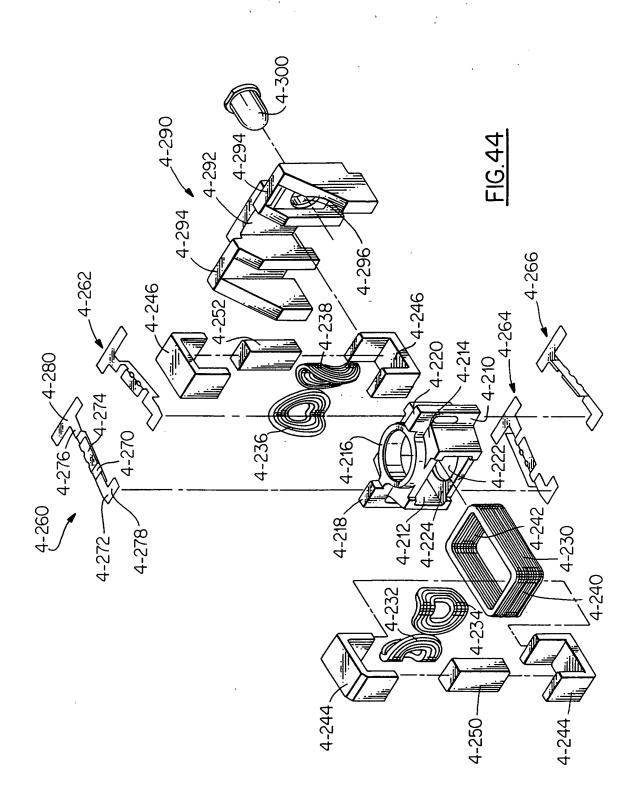












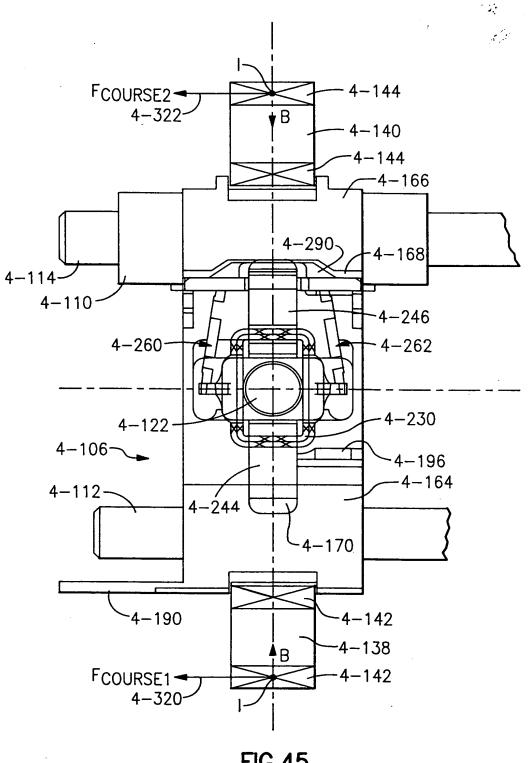
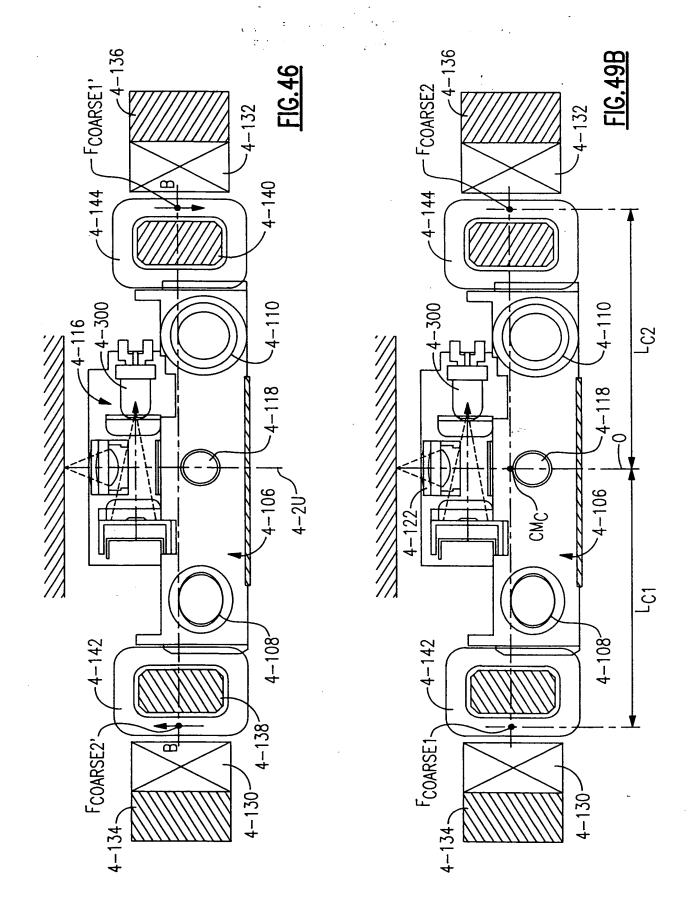
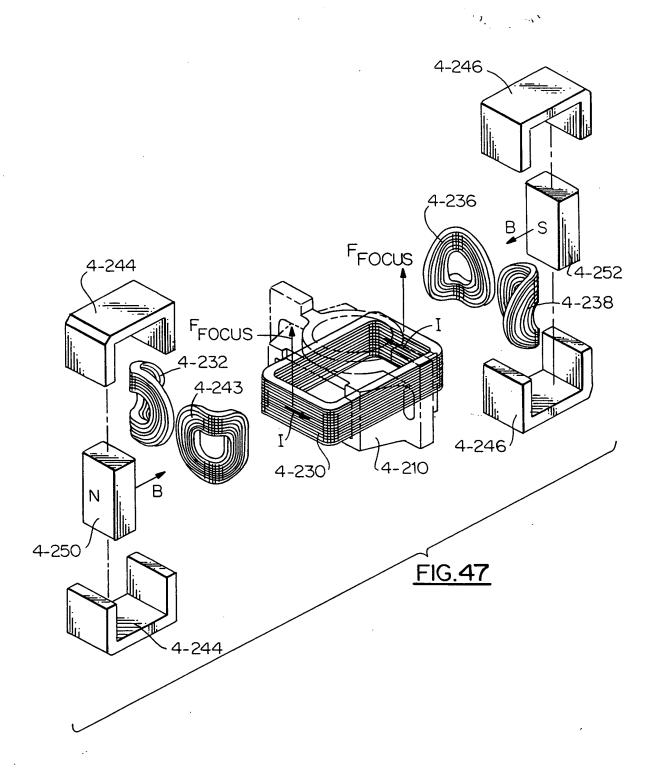
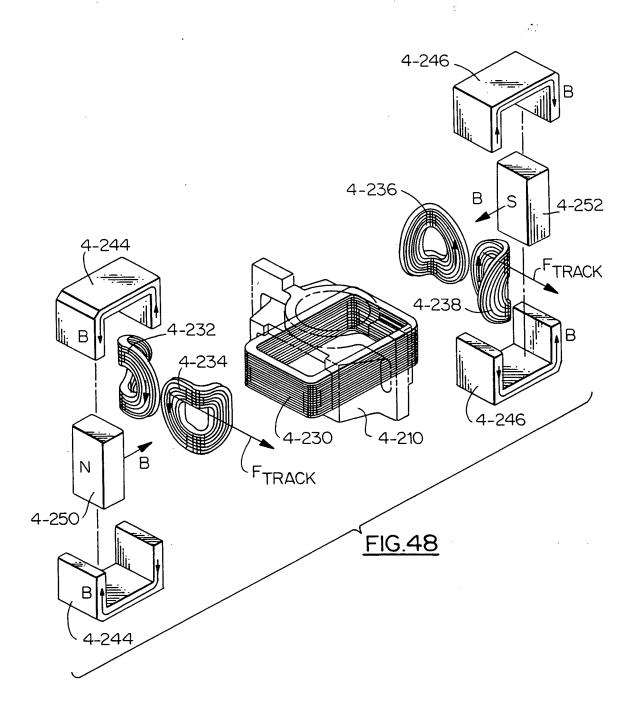
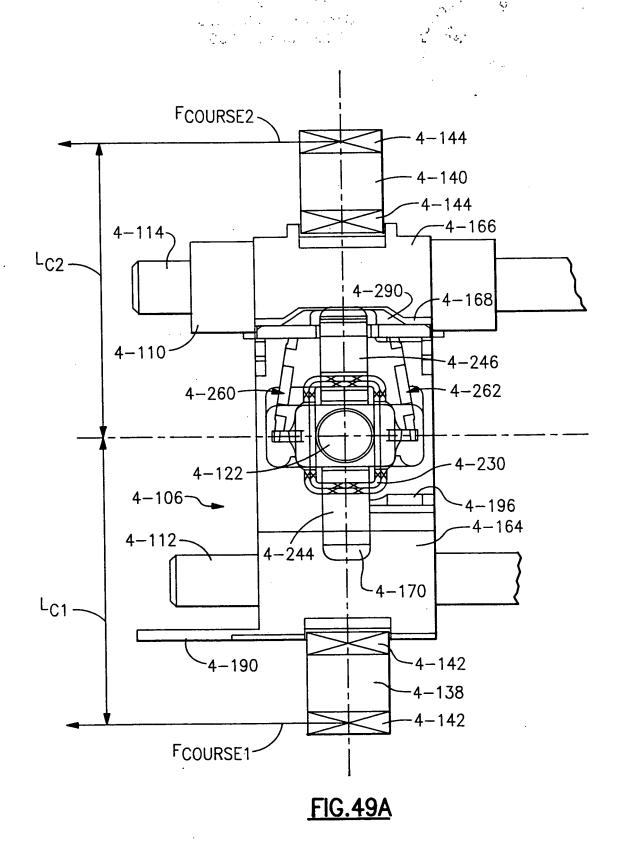


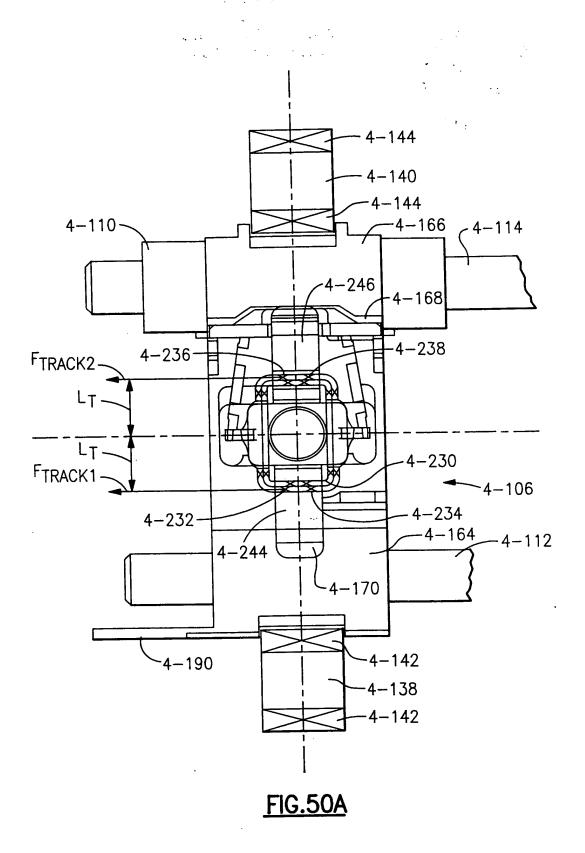
FIG.45

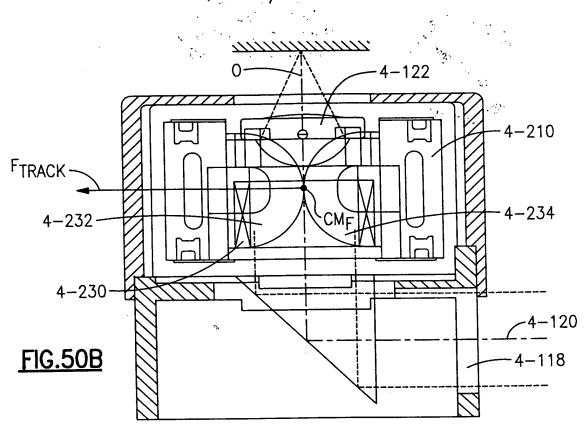


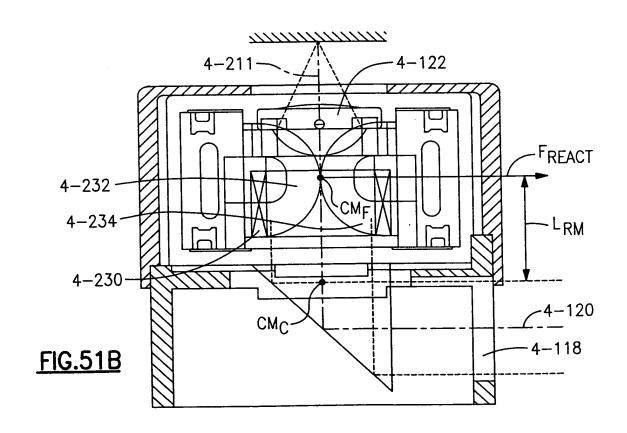


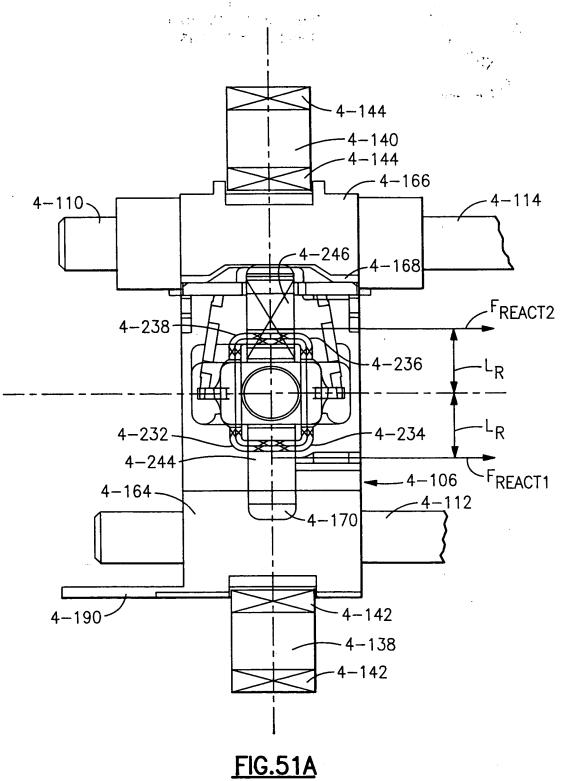


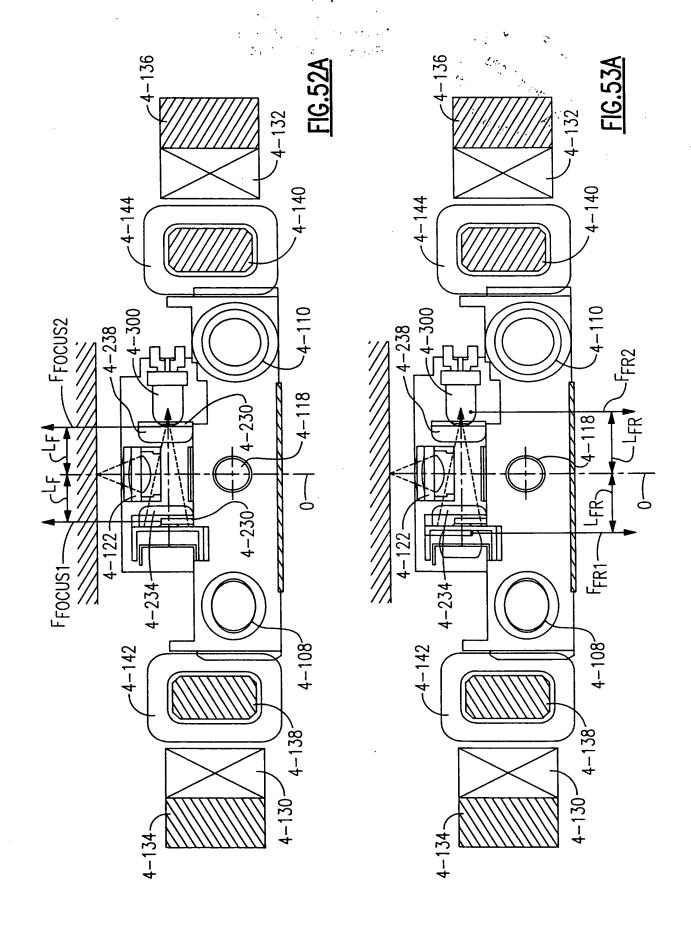


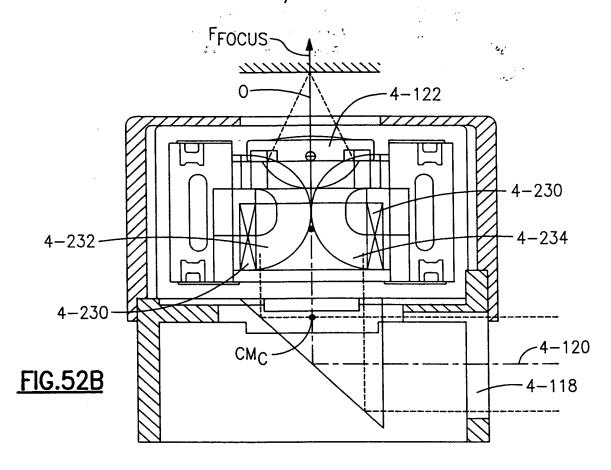


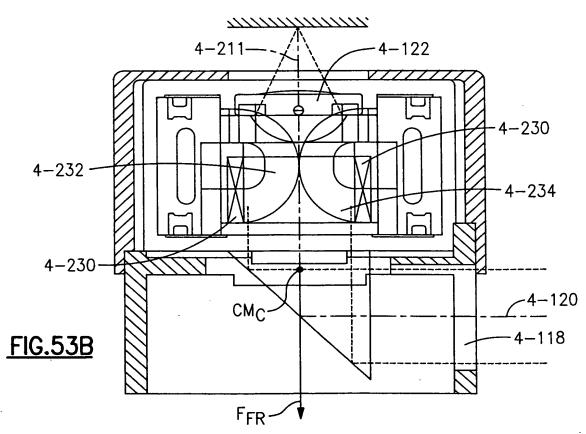


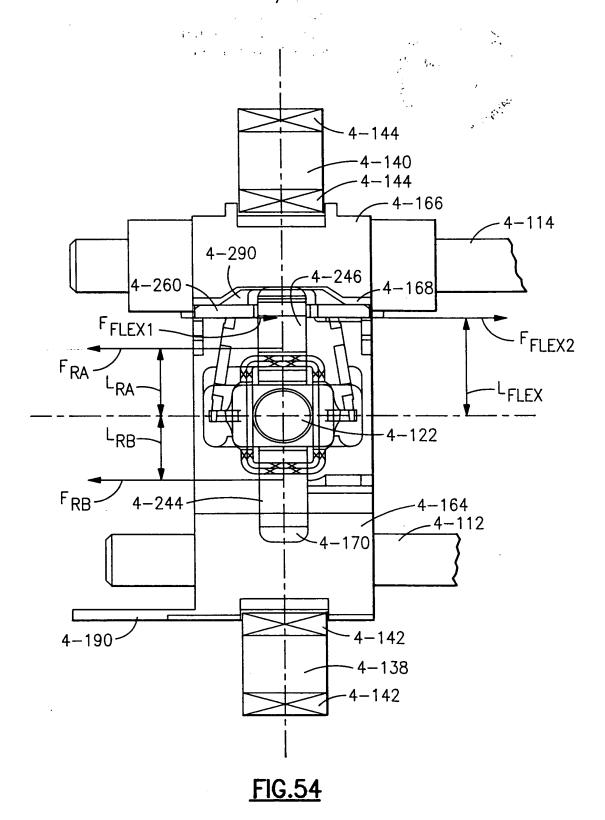


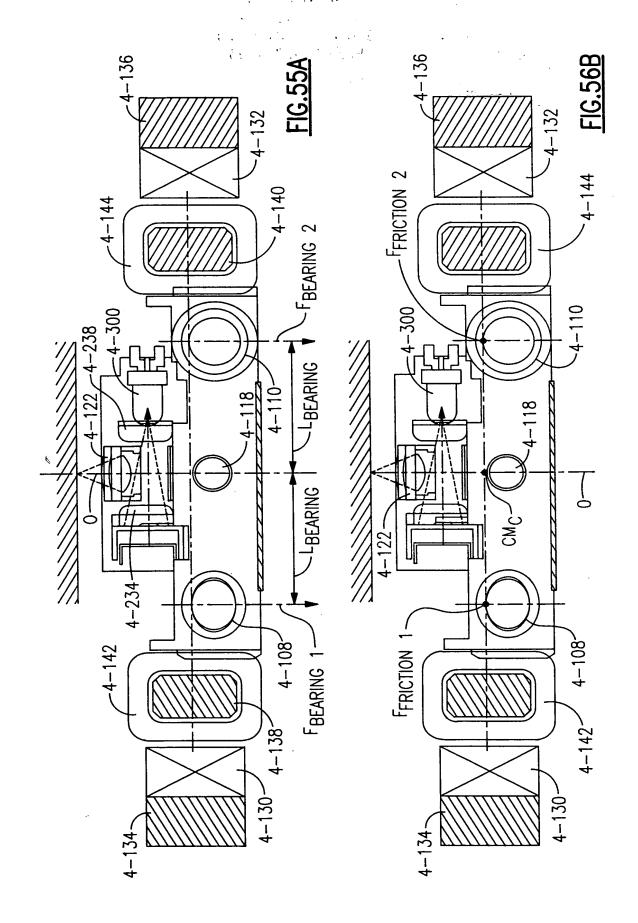


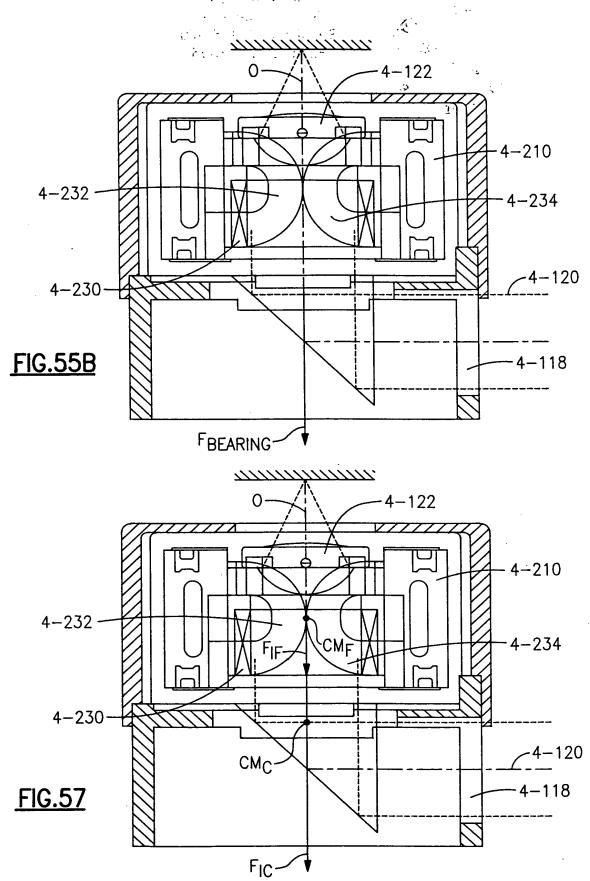


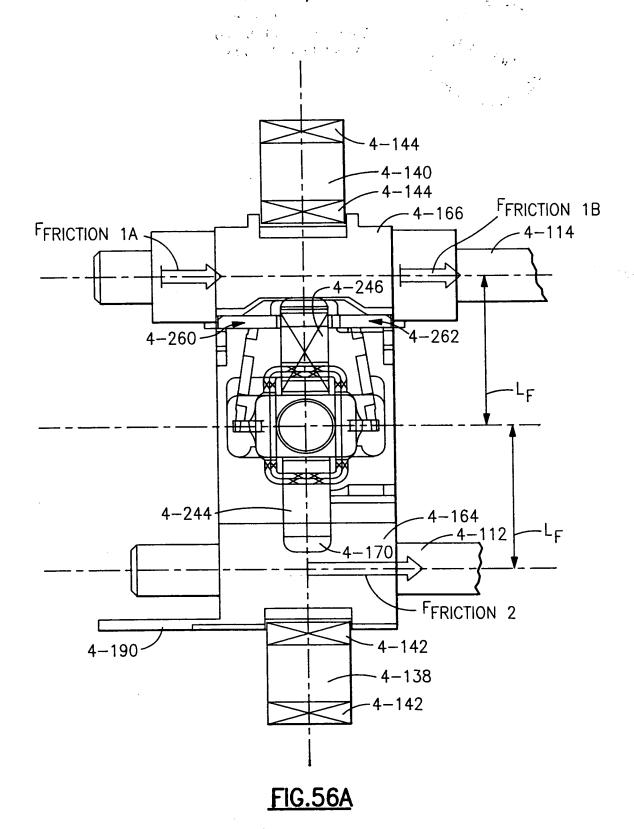


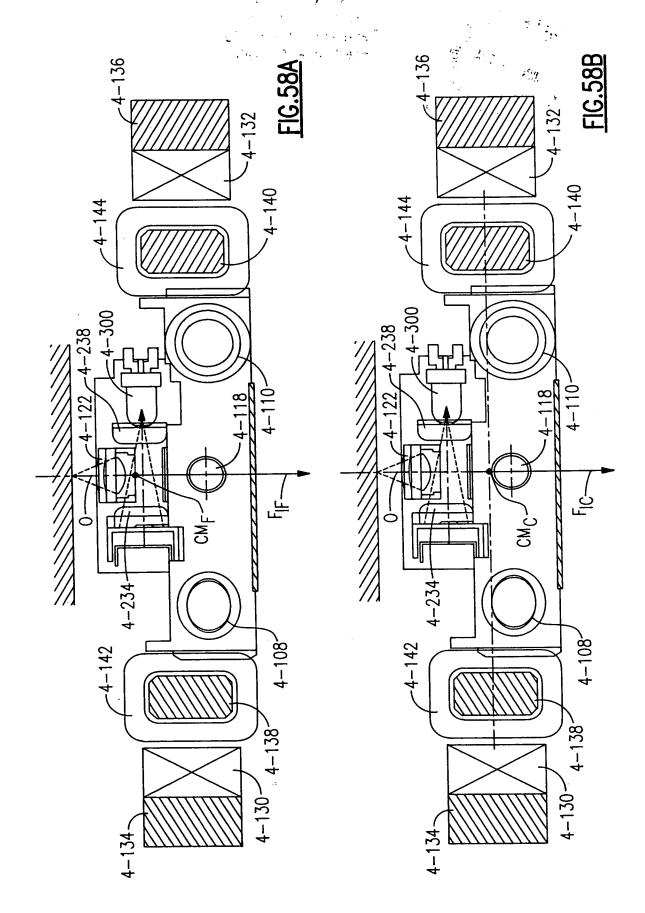












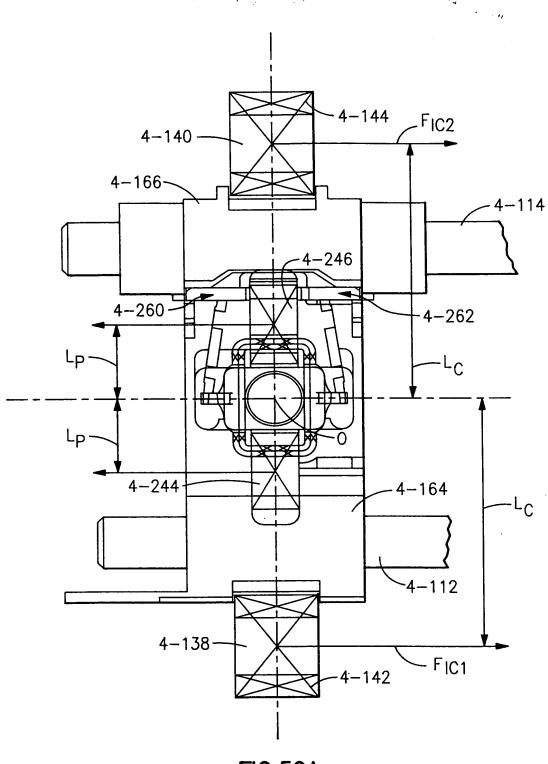
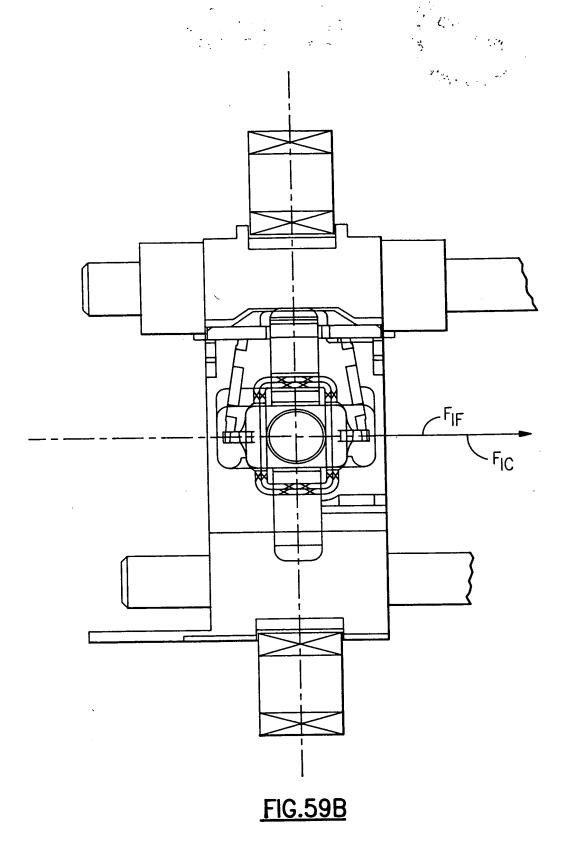
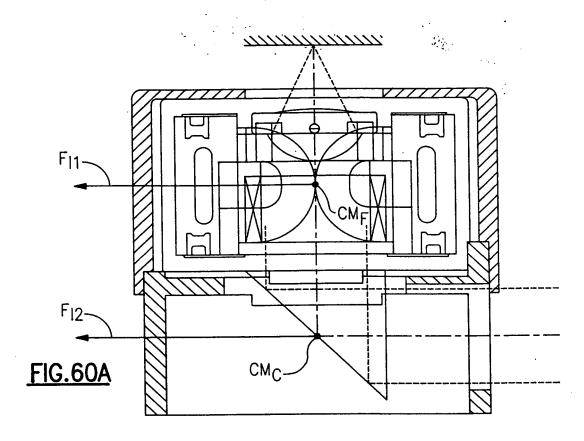
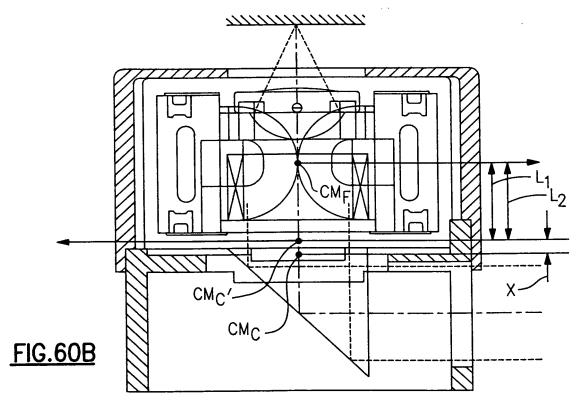
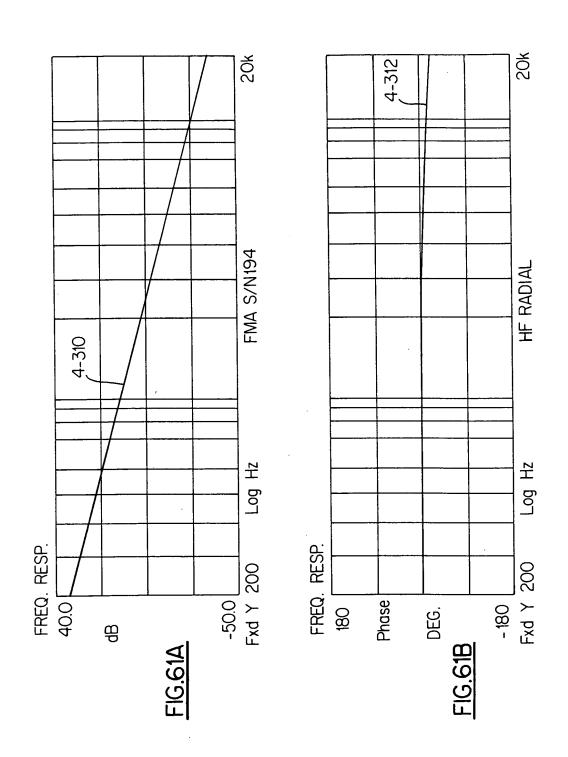


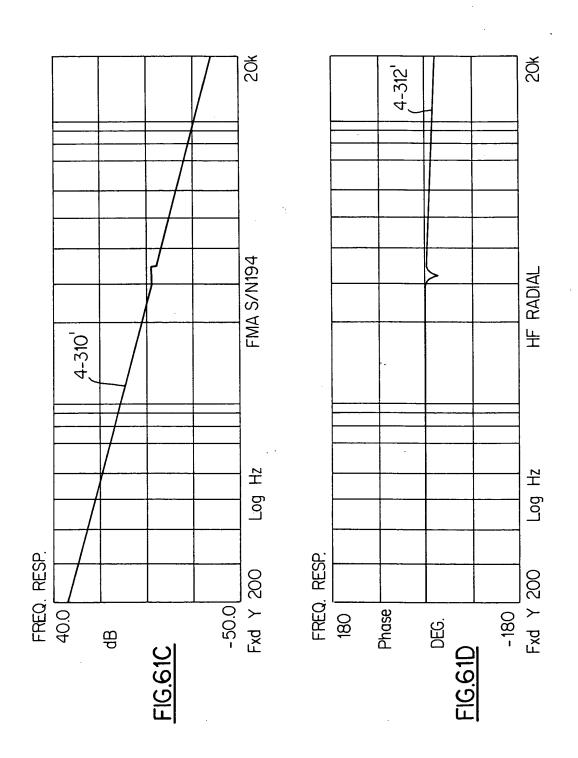
FIG.59A

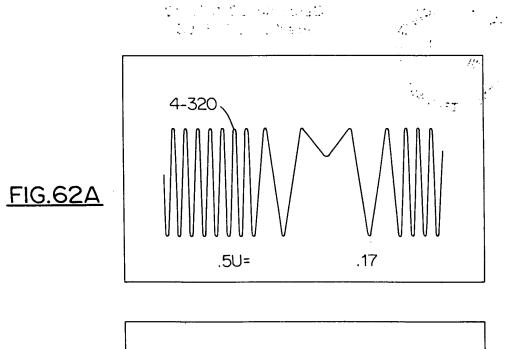


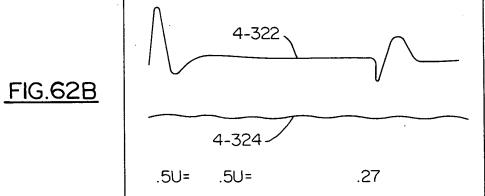


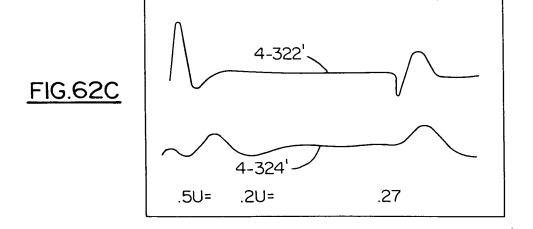


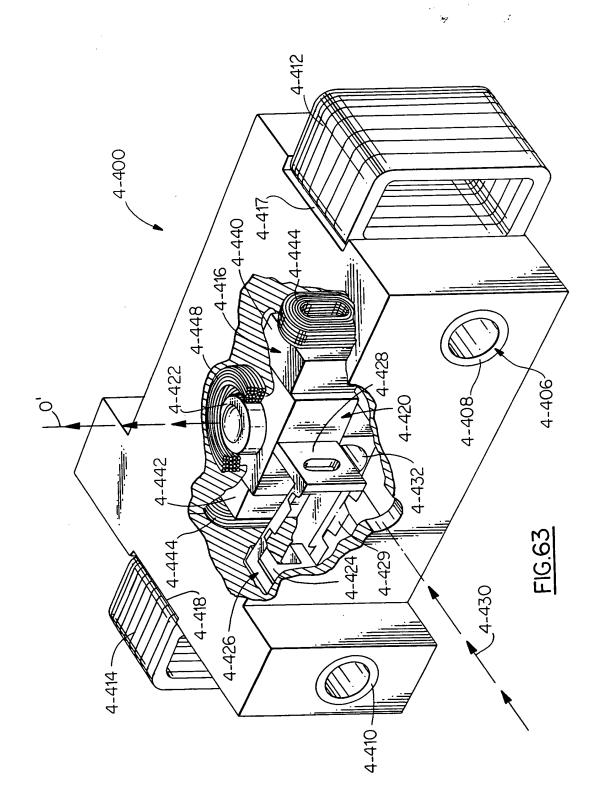


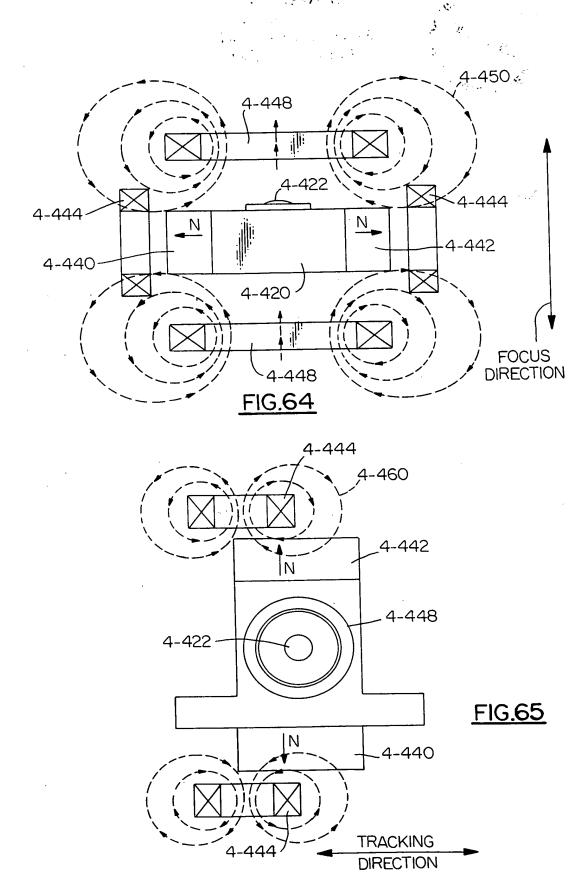


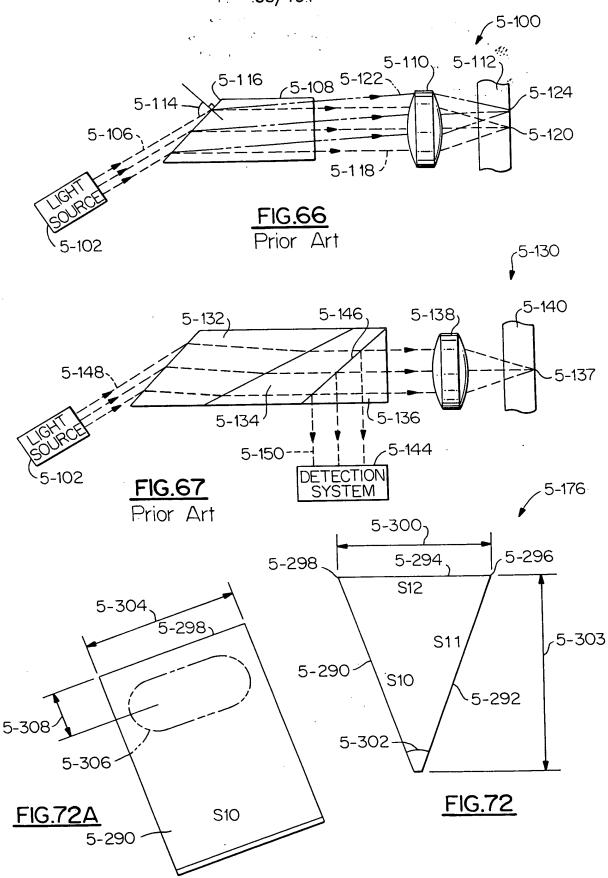


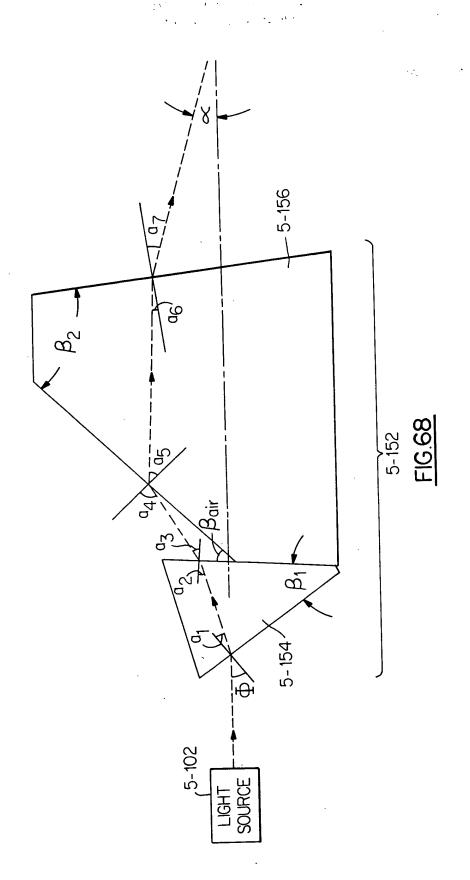


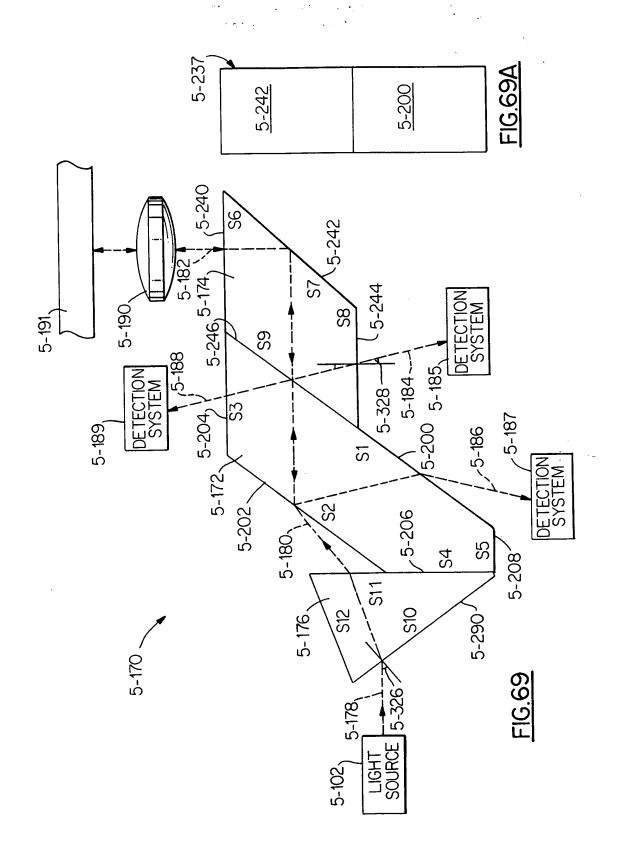


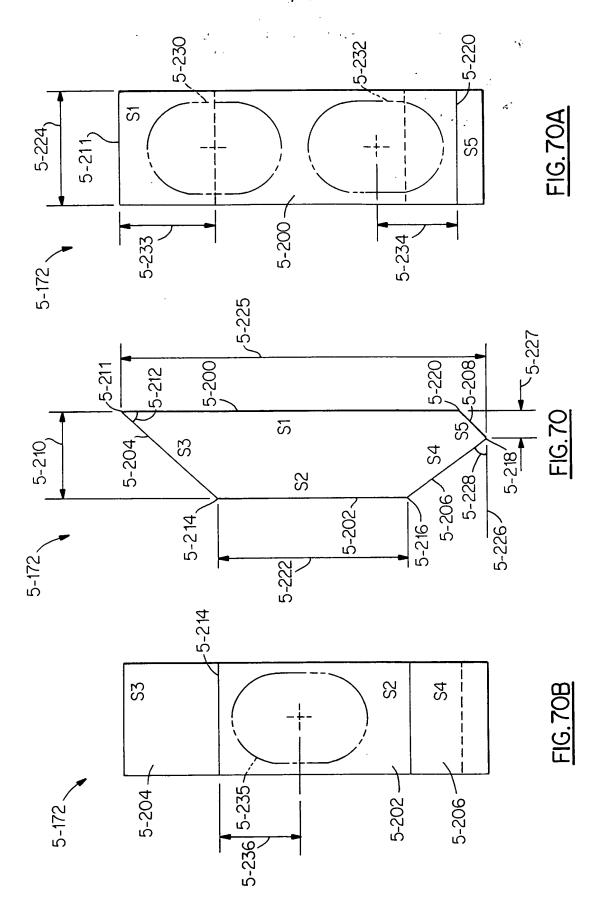


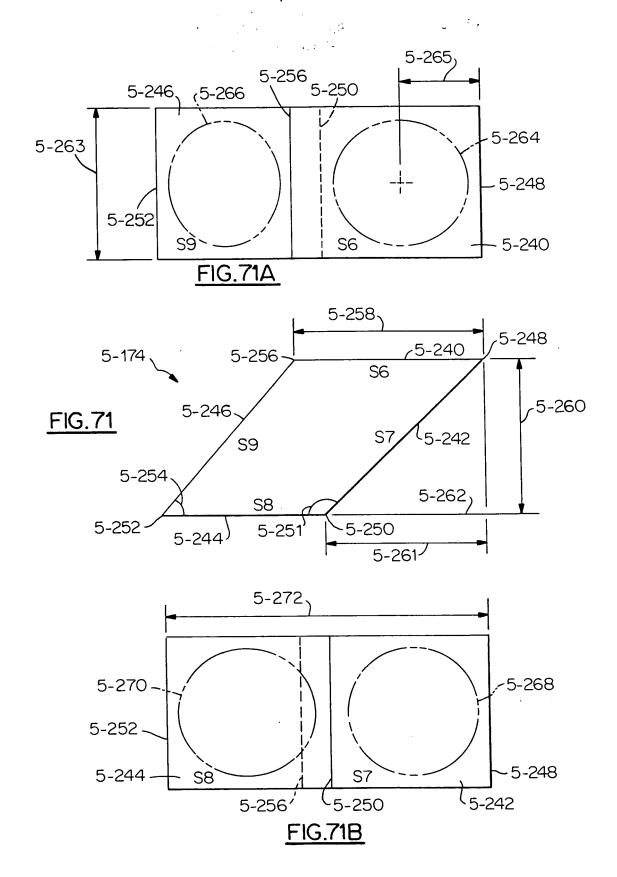


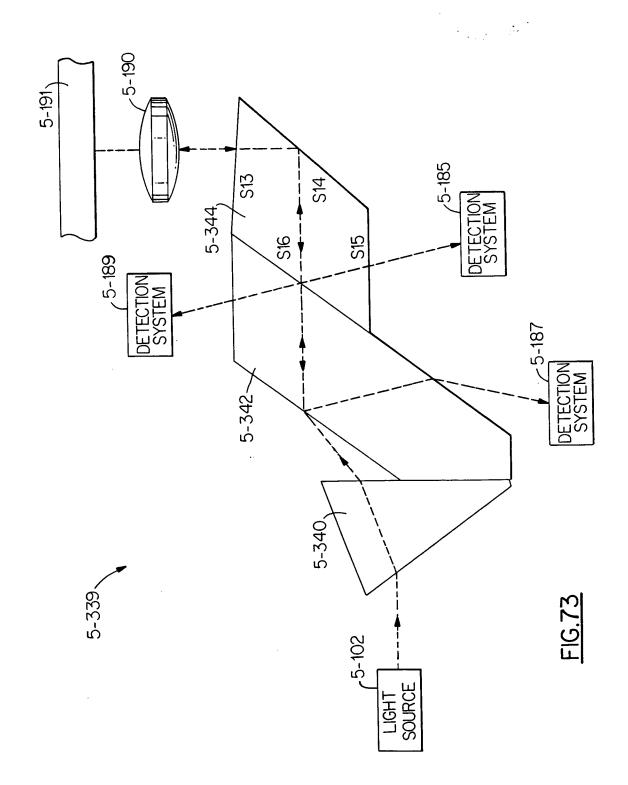


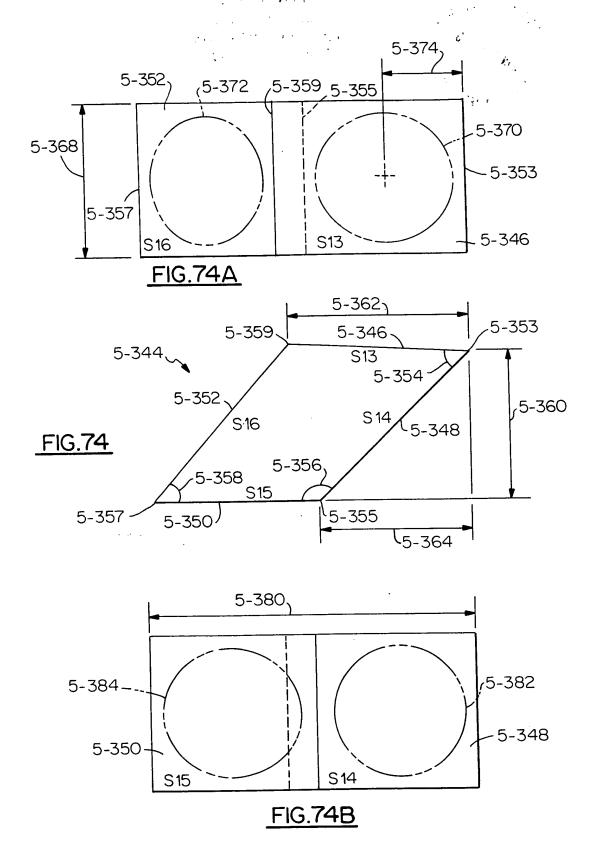


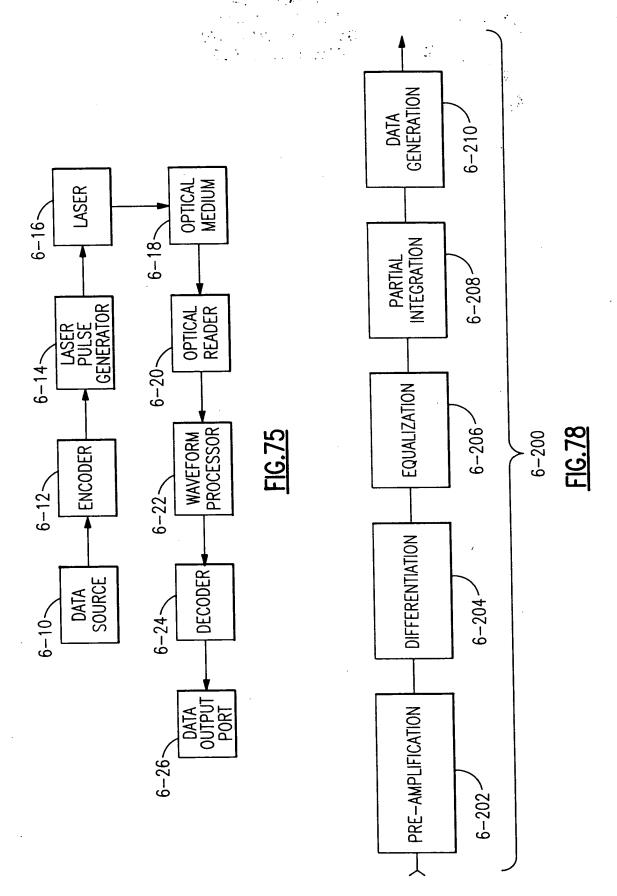


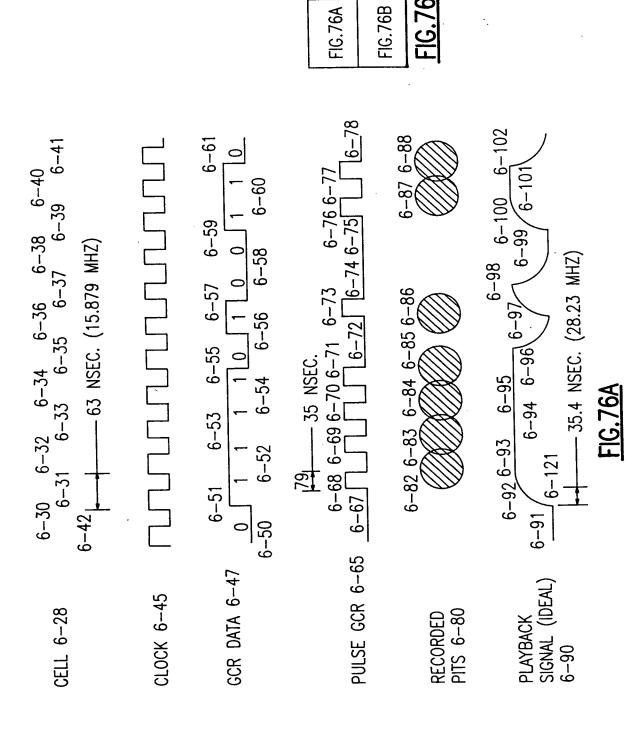












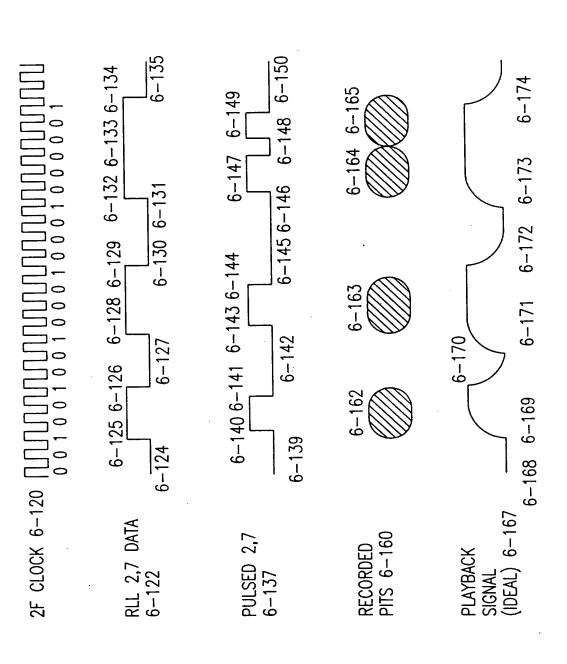
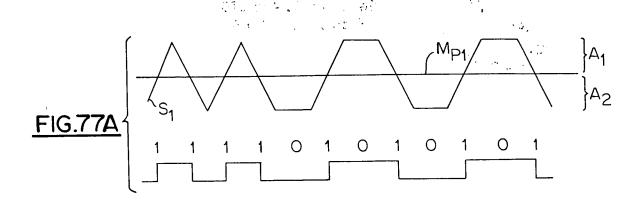
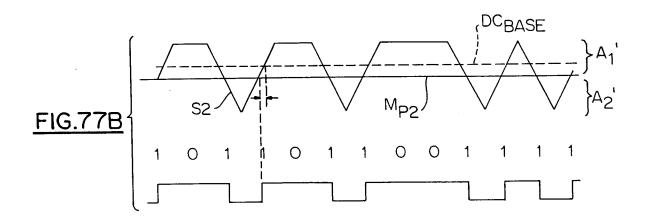
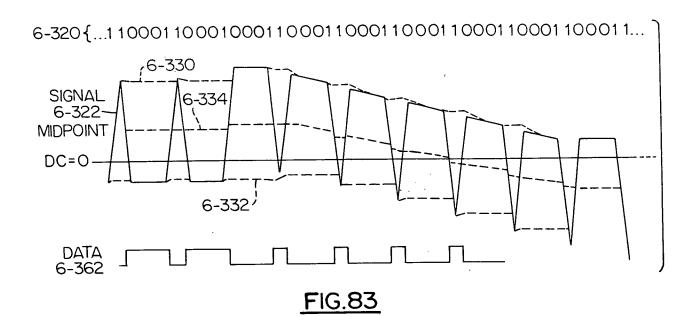


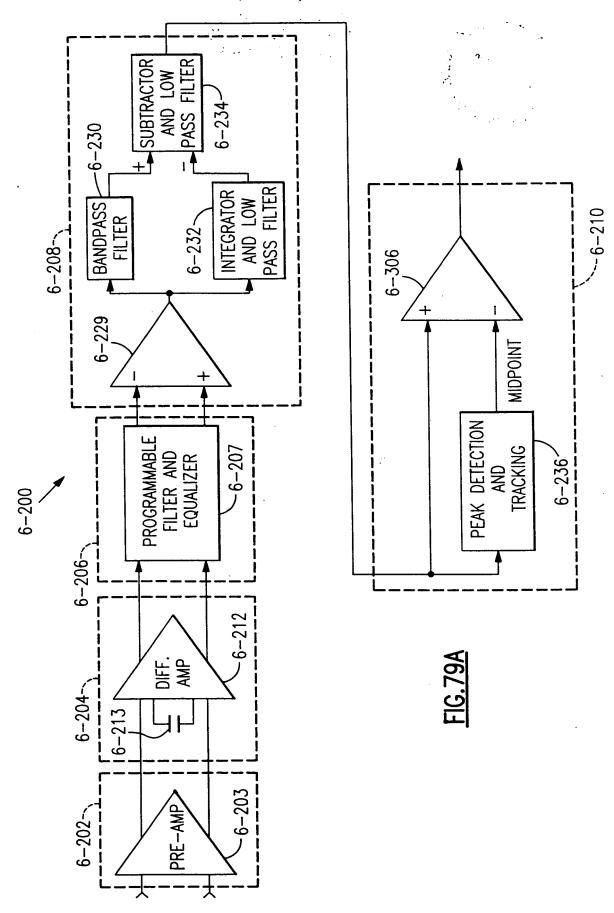
FIG. 76B

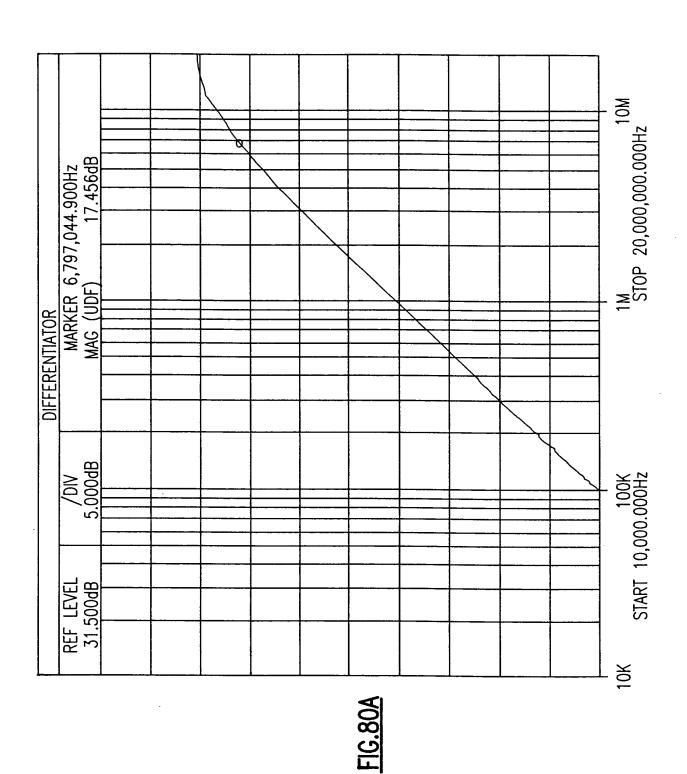


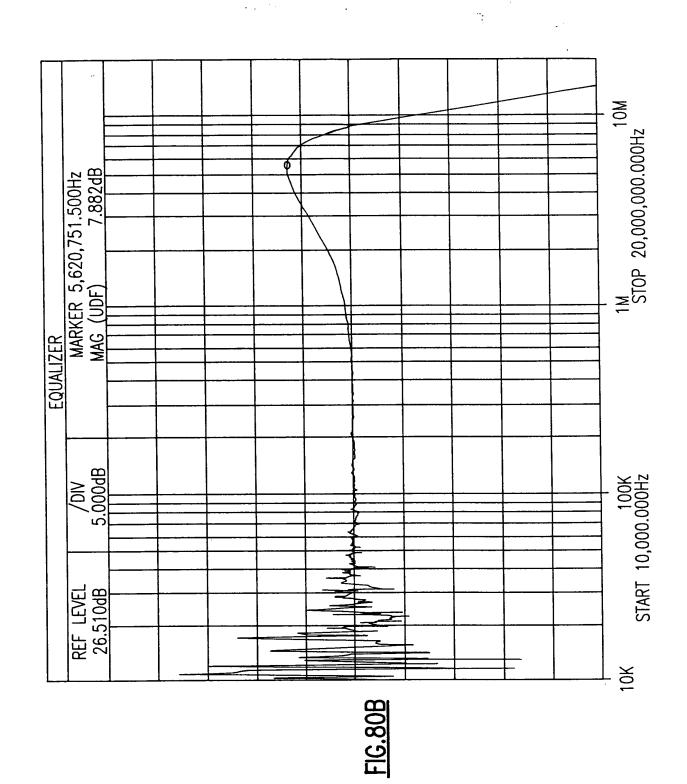


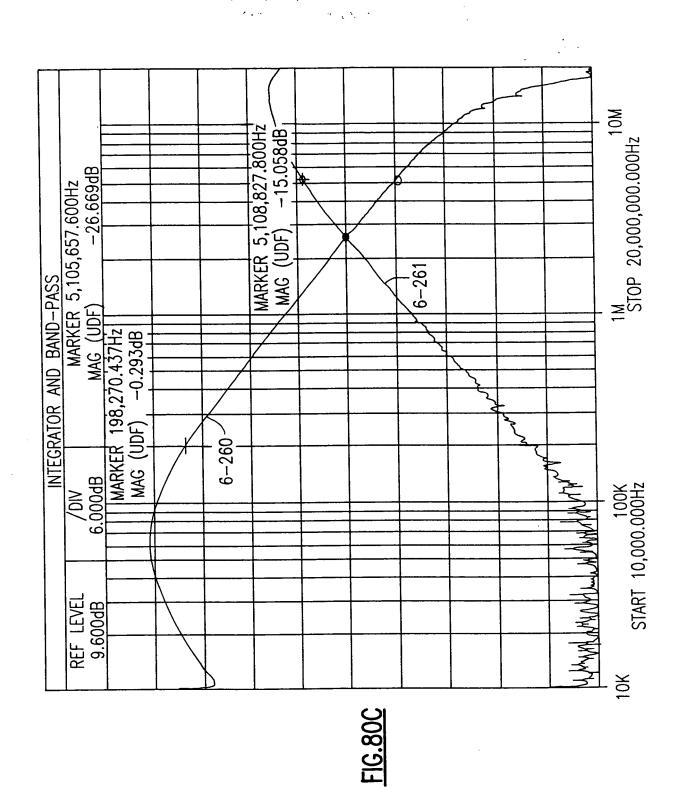


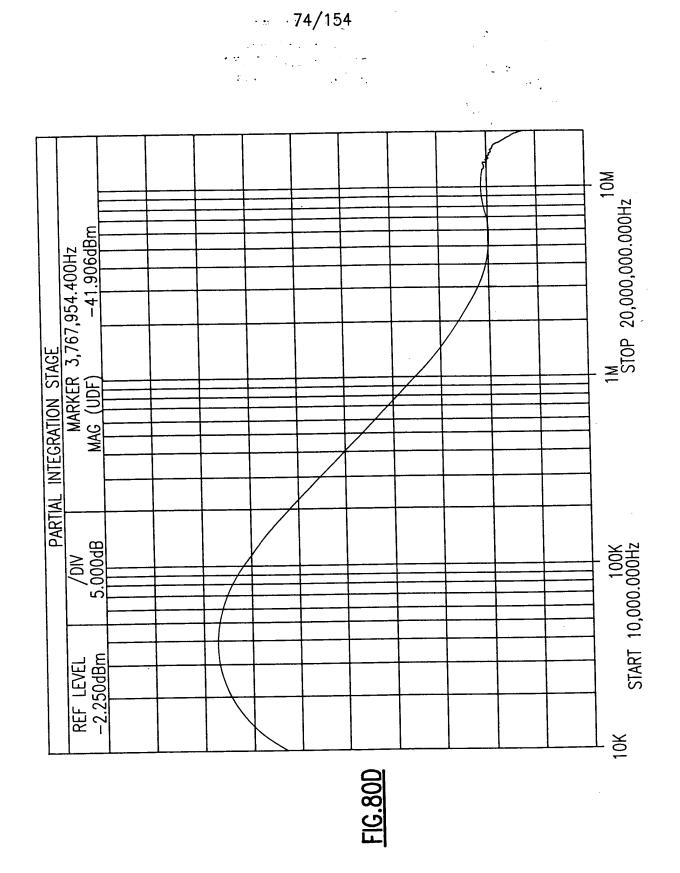


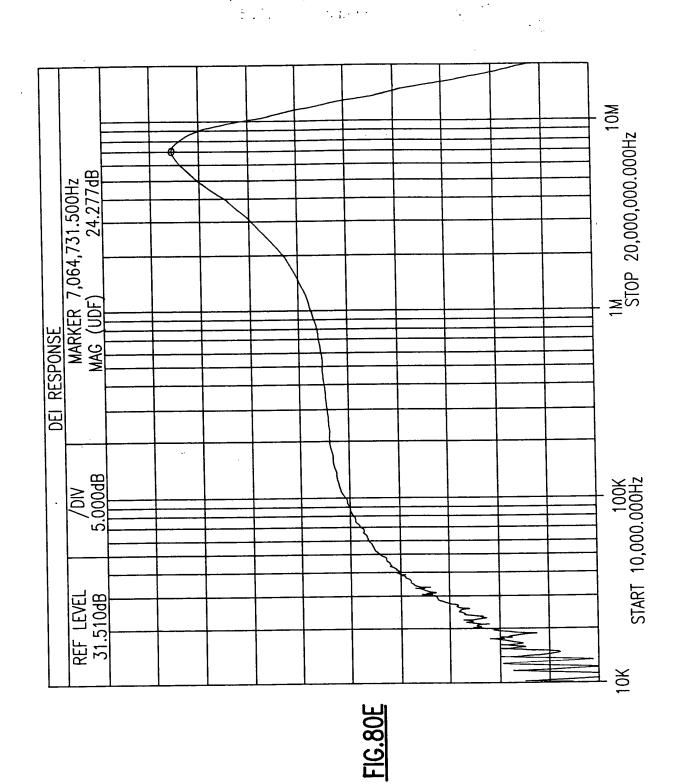


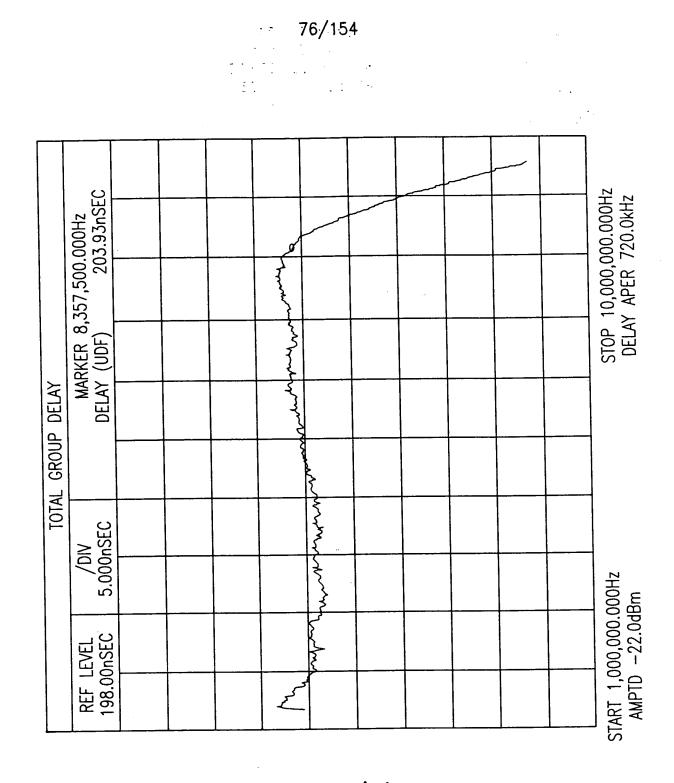








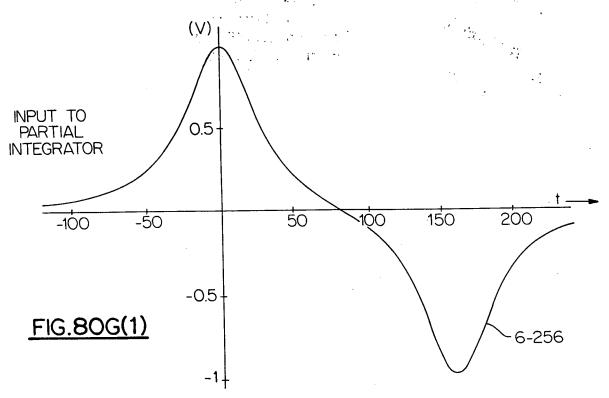


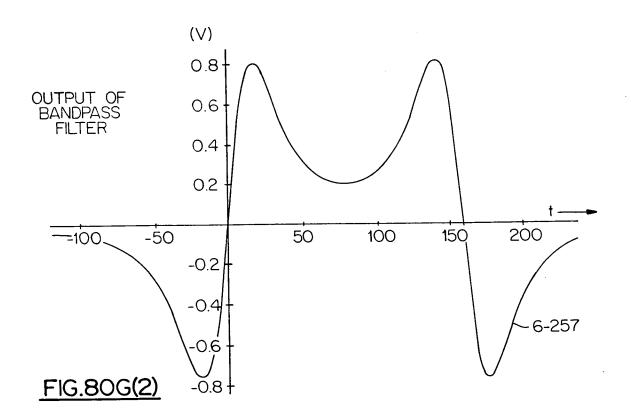


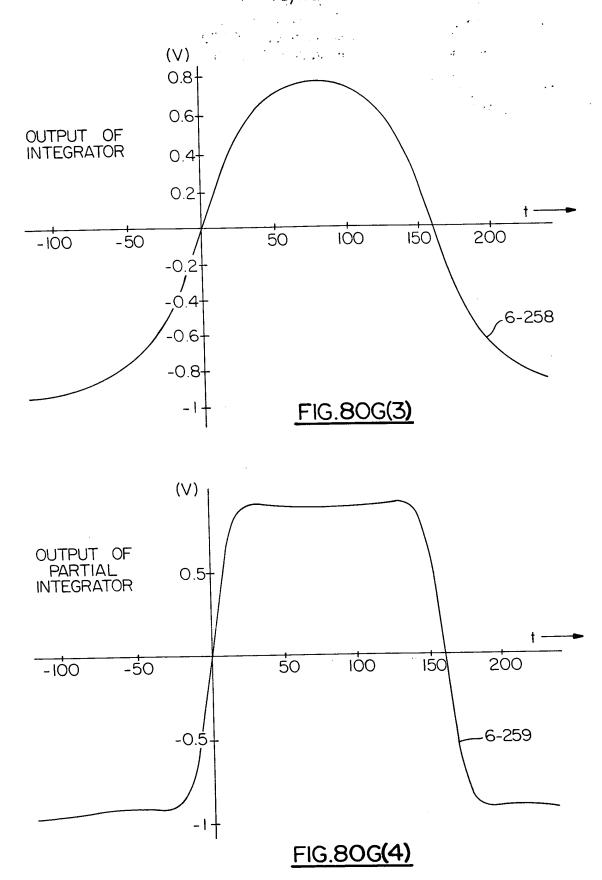
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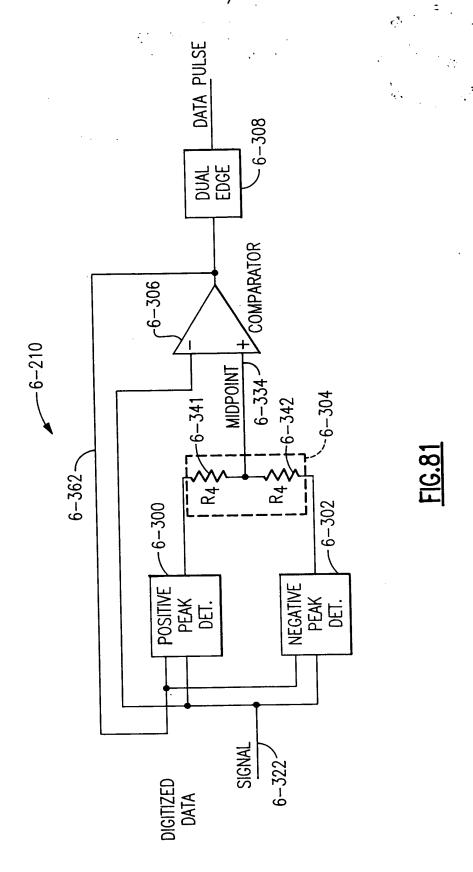
FIG.80F

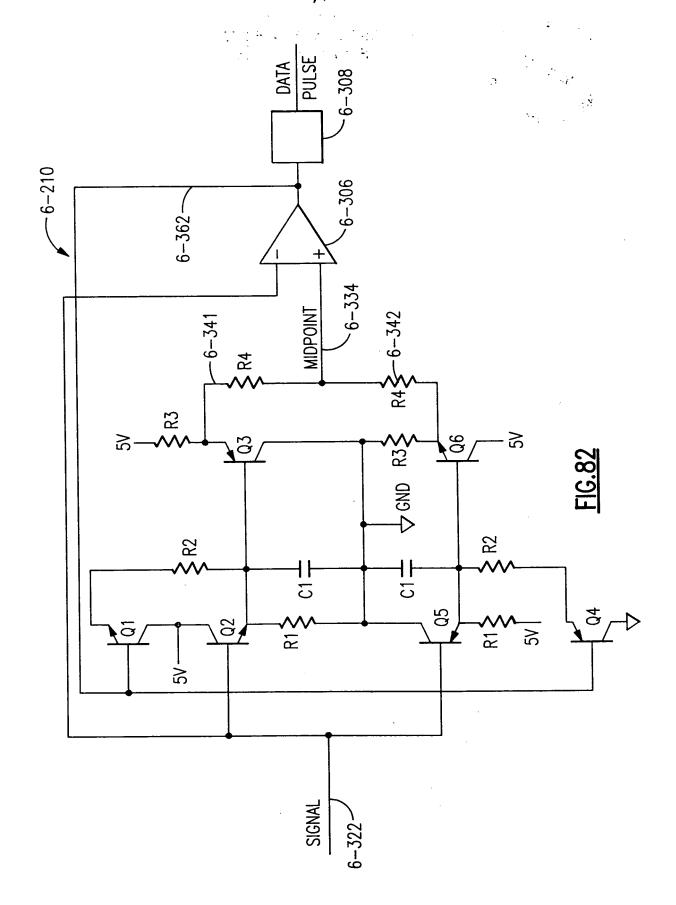


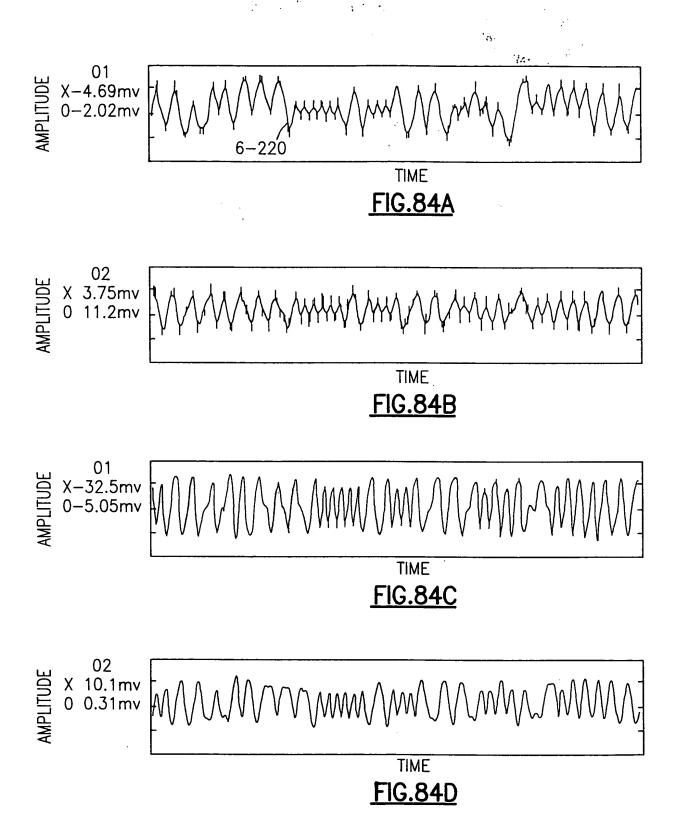


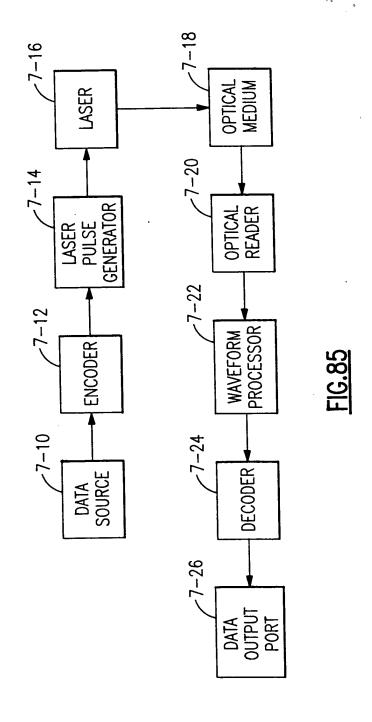


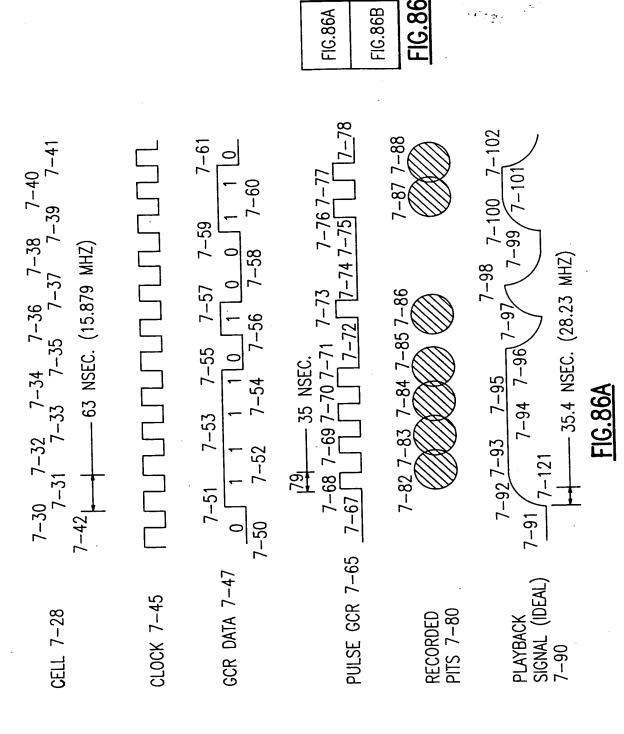






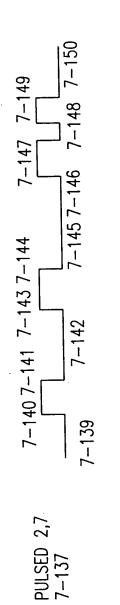


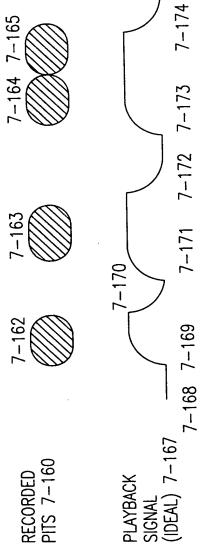






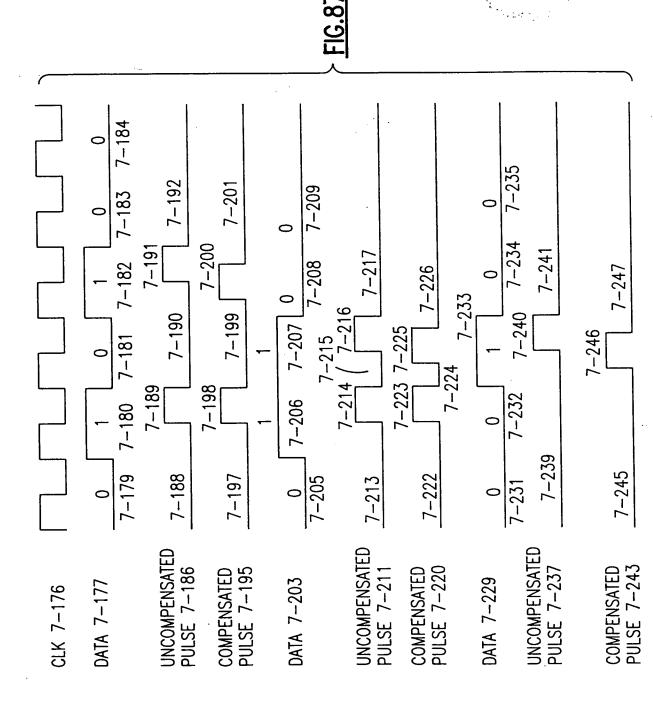


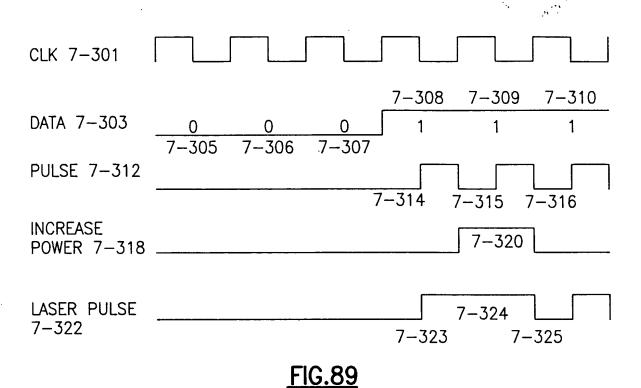


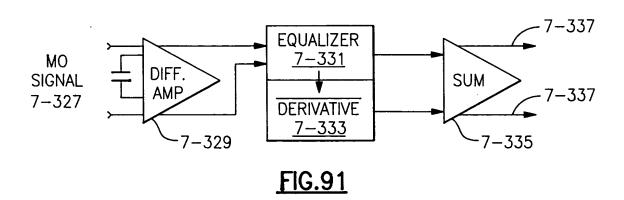


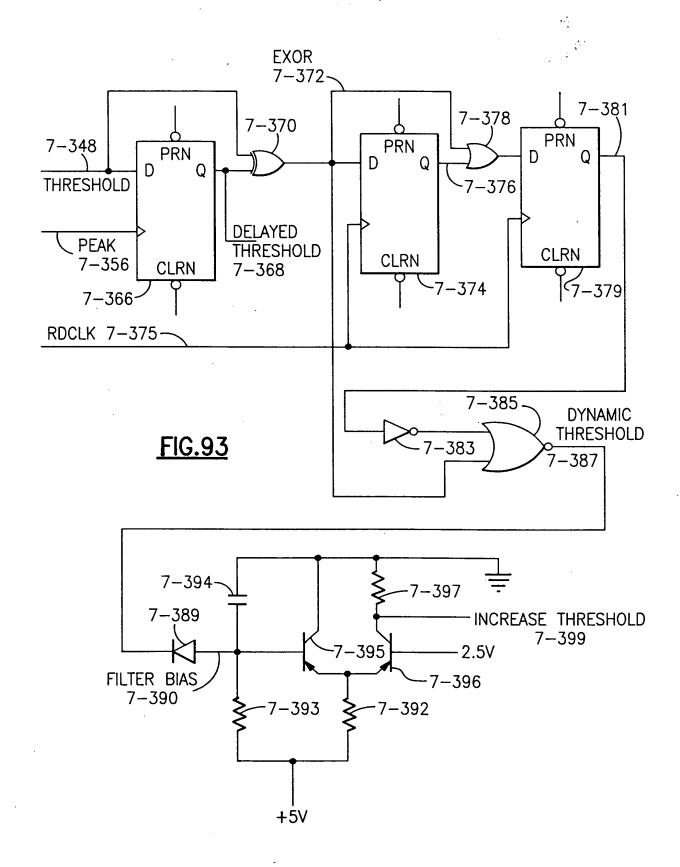
200

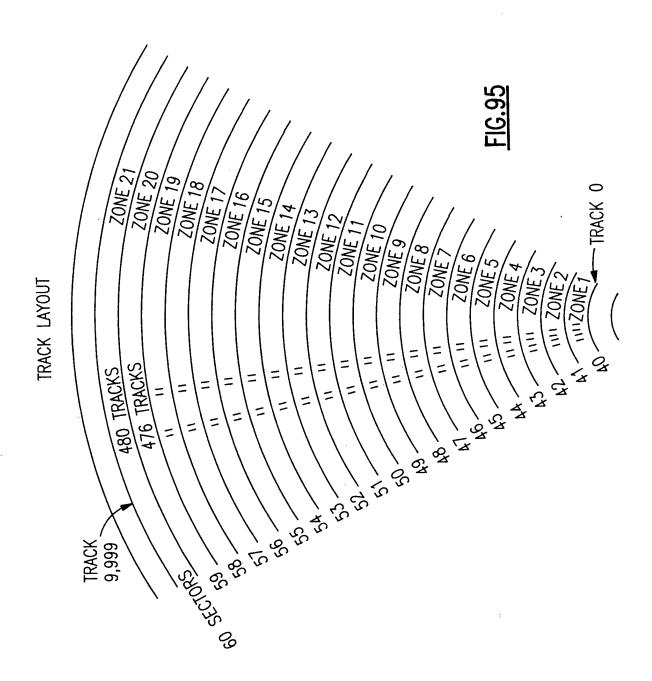
FIG.86B

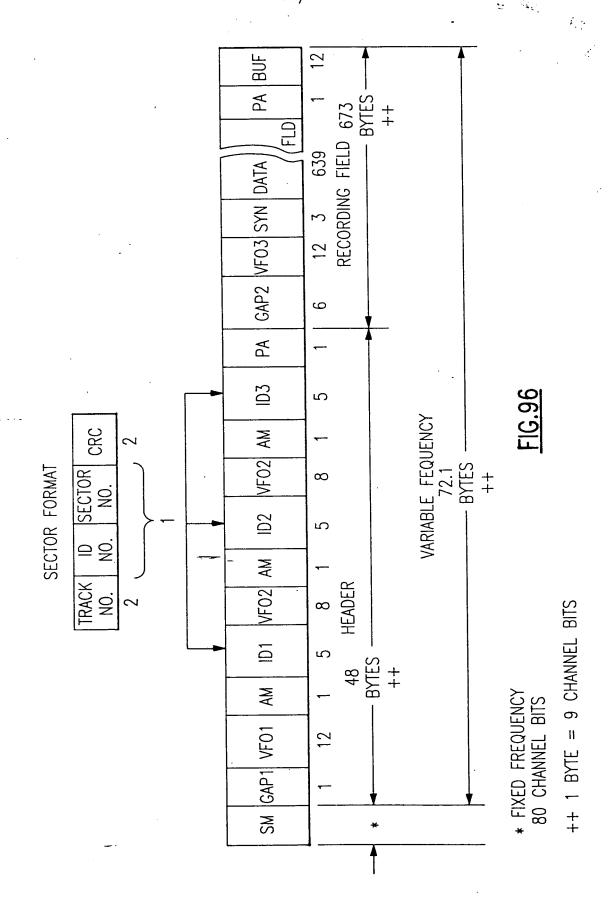


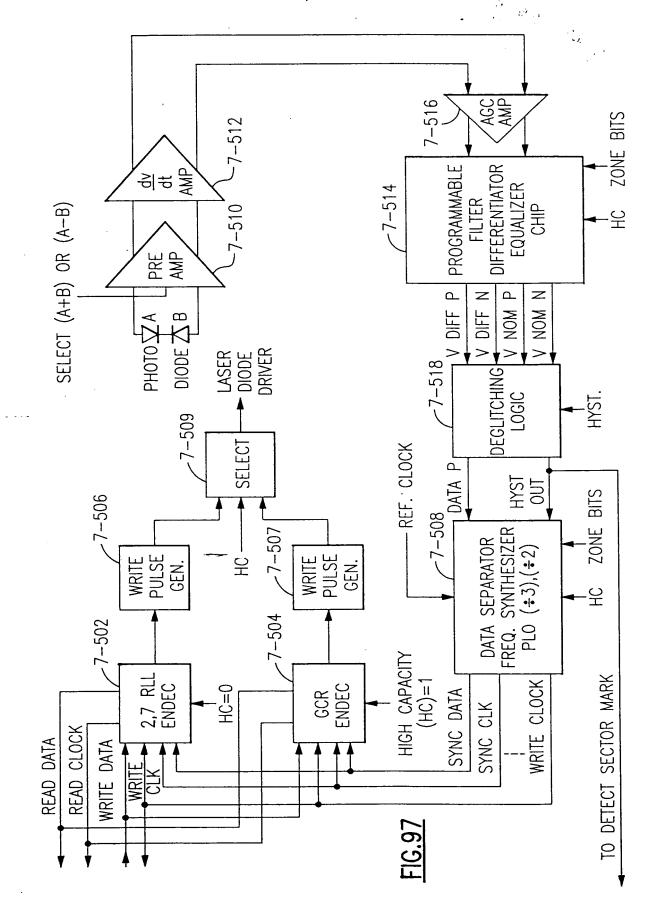












ZONE	(ABSOLUTE)	NO. OF SECTORS PER TRACK	NO. OF SEC./ZONE	WRITE FREQ. (MHZ)
1	0 - 475	40	19040	10.591
2 3	476 - 951 952 - 1427	41	19516 19992	10.852
4	1428 - 1903	42 43	20468	11.117 11.368
5	1904 – 2379	44	20944	11.636
6	2380 - 2855	45	21420	11.963
5 6 7	2856 - 3331	46	21896	12.180
8	3332 - 3807	47	22372	12.459
9	3808 - 4283	48	22848	12.705
10	4284 – 4759	49	23324	12.992
11	4760 - 5235	50	23800	13.257
12	5236 - 5711	51	24276	13.533
13	5712 - 6187	52	24752	13.831
14	6188 - 6663	53	25228	14.086
15	6664 - 7139   7140 - 7615	54 55	25704	14.362
16	7616 - 8091	56	26180 26656	14.626 14.914
18	8092 - 8567	57	27132	15.130
19	8568 - 9043	58	27608	15.467
20	9044 - 9519	59	28084	15.694
21	9520 — 9999	60	28800	15.950
			TOTAL SEC. 500,040	
			x 512 B/S =	
			256.02 MB	

FIG.98

	CRC FOR ID FIELDS
	$(1) G(x) = x^{16} + x^{12} + x^{5} + 1$
FIG.99	(2) $R(x) = x^{1/3} + x^{1/4} + x^{$
	(3) $R_C(x) = \sum_{k=0}^{k=15} c_k x^k$

8 BI	IT BYTE	ENCODED	ſ	8 B	IT BYTE	ENCODED
HEX	BINARY	9 BIT BYTE	ł	HEX	BINARY	• 1
00			ł			
1	00000000	011001011		40	01000000	010001011
01 02	00000001	011001001		41	01000001	010001001
1	00000010	001001101		42	01000010	010010010
03	00000011	101100011		43	01000011	010010011
04	00000100	011001010		44	01000100	010001010
05	00000101	101100101		45	01000101	010010101
06	00000110	101100110		46	01000110	010010110
07	00000111	101100111		47	01000111	010010111
08	00001000	011001111		48	01001000	010001111
09	00001001	101101001	ŀ	49	01001001	010011001
OA	00001010	101101010	۱	4A	01001010	010011010
OB	00001011	101101011		4B	01001011	010011011
OC	00001100	011001110		4C	01001100	010001110
OD	00001101	101101101	1	4D	01001101	010011101
0E	00001110	101101110	1	4E	01001110	010011110
OF	00001111	101101111		4F	01001111	010011111
10	00010000	001001011		50	01010000	011100101
11	00010001	001001001		51	01010001	001100101
12	00010010	011001101		52	01010010	010110010
13	00010011	100100011	j	53	01010011	010110011
14	00010100	001001010		54	01010100	010100101
15	00010101	100100101	1	55	01010101	010110101
16	00010110	100100110	i	56	01010110	010110110
17	00010111	100100111		57	01010111	010110111
18	00011000	001001111		58	01011000	111100101
19	0001100 <u>1</u>	_100101001	Ì	59	01011001	010111001
1A `	00011010	100101010		5A	01011010	010111010
1B	00011011	100101011	ı	5B	01011011	010111011
1C	00011100	001001110		5C	01011100	110100101
1D	00011101	100101101		5D	01011101	010111101
1E	00011110	100101110	١	5E	01011110	010111110
1F	00011111	100101111		5F	01011111	010111111

FIG.100A(1)

FIG. 100A(1) FIG. 100A(2)

FIG.100A

20 21 22 23 24 25 26 27 28 29 2A 2B 2C 2D 2E 2F 30 31 32 33	00100000 00100001 00100010 00100010 001001	101001111 101001101 001010010 001010011 101001110 001010101 001010111 1010010	60 61 62 63 64 65 66 67 68 68 60 6F 70 71 72 73	01100000 01100010 01100011 01100100 01100101 01100110 01100111 01101001 01101010 01101011 011011	011100110 001100110 011010011 011010011 011010110 011010110 011010111 111100110 011011
34	00110100	010100011 001110101	74 75	01110100 01110101	010100111 011110101
36 37	00110110 0011011 <del>1</del>	1	76 77	01110110	011110110 011110111
38 39	00111000	111100011   001111001	78 79	01111000	111100111  011111001
3A 3B	00111010	001111010 001111011	7A 7B	01111010	011111011
3C 3D	00111100	110100011 001111101	7C 7D	01111100	110100111 011111101
3E 3F	00111110	001111110	7E 7F	01111110	011111110
POSITION IN BYTE	8 1	9 1	POSITION IN BYTE	8 1	9 1

FIG.100A(2)

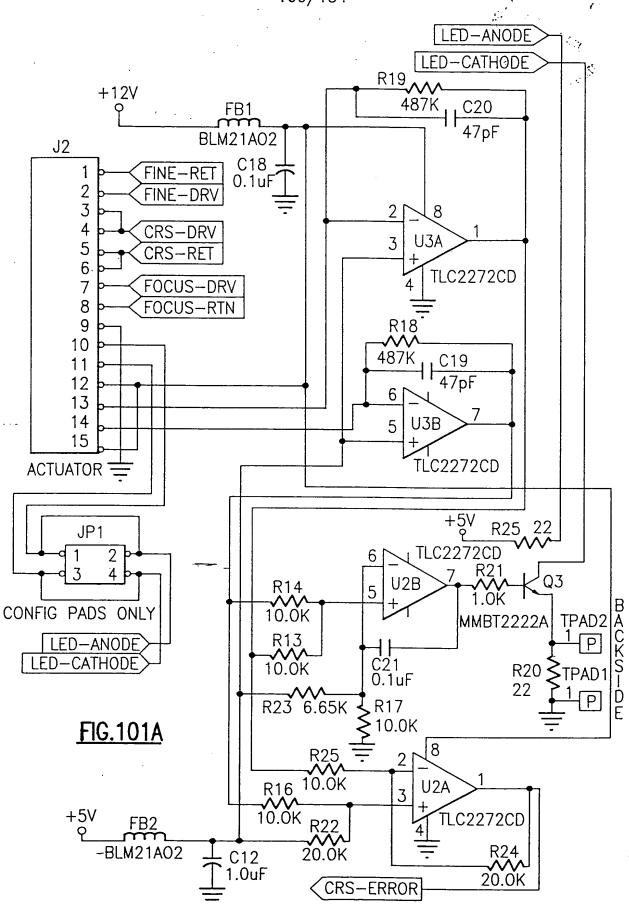
8 B	IT BYTE	ENCODED	ſ	8 B	IT BYTE	ENCODED
HEX	BINARY	9 BIT BYTE		HEX	BINARY	9 BIT BYTE
80	10000000	111001011		CO	11000000	110001011
81	10000001	111001001		C1	11000001	110001001
82	10000010	100010010		C2	11000010	110010010
83	10000011	100010011	1	C3	11000011	110010011
84	10000100	111001010		C4	11000100	110001010
85	10000101	100010101		C5	11000101	110010101
86	10000110	100010110		C6	11000110	110010110
87	10000111	100010111		C7	11000111	110010111
88	10001000	111001111		C8	11001000	110001111
89	10001001	100011001		C9	11001001	110011001
8A	10001010	100011010		CA	11001010	110011010
8B	10001011	100011011		CB	11001011	110011011
8C	10001100	111001110		CC	11001100	110001110
8D	10001101	100011101		CD	11001101	110011101
8E	10001110	100011110		CE	11001110	110011110
8F	10001111	100011111		CF	11001111	110011111
90	10010000	011101001		D0	11010000	011101101
91	10010001	001101001		D1	11010001	001101101
92	10010010	100110010	li	D2	11010010	110110010
93	10010011	100110011	l	D3	11010011	110110011
94	10010100	010101001		D4	11010100	010101101
96	10010101	100110101		D5 D6	11010101	110110101
97	10010110	100110110     100110111		D7	11010110	110110110
98	10010111	111101001		D8	11010111	110110111 111101101
99	10011000	100111001		D8	11011000	11011101
99 9A	10011001	100111010		DA DA	11011001	110111001
9B	10011010	100111010		DB	11011011	110111010
9C	10011100	110101001		DC	11011100	110101101
9D	10011101	100111101		DD	11011101	1101011101
9E	10011110	10011110	ŀ	DE.	11011110	110111110
9F	10011111	100111111		DF	11011111	
, ,,	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, !	٠, ٢	1.101111	

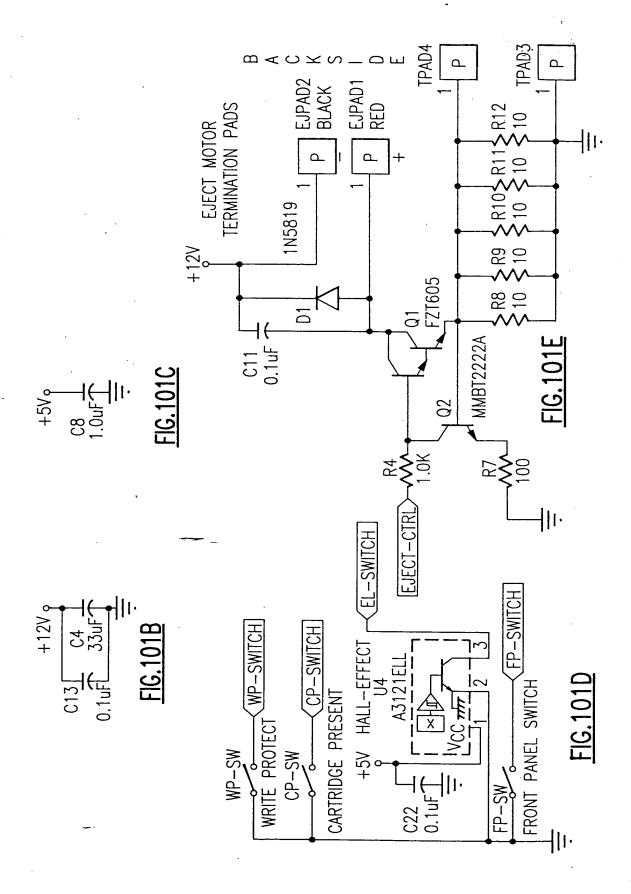
FIG.100B(1)

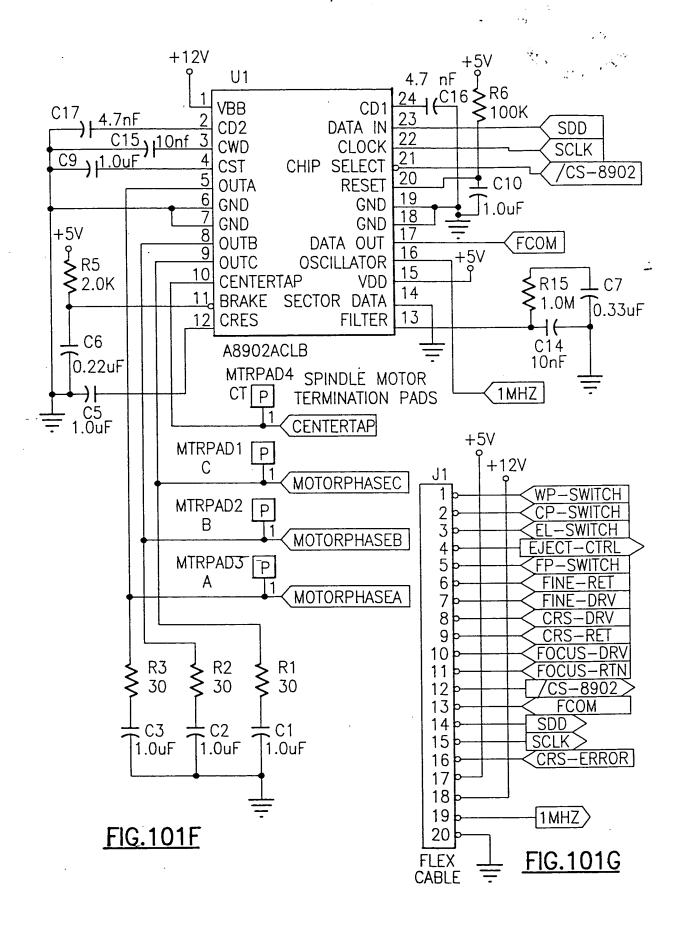
FIG. 100B(1) FIG. 100B(2)

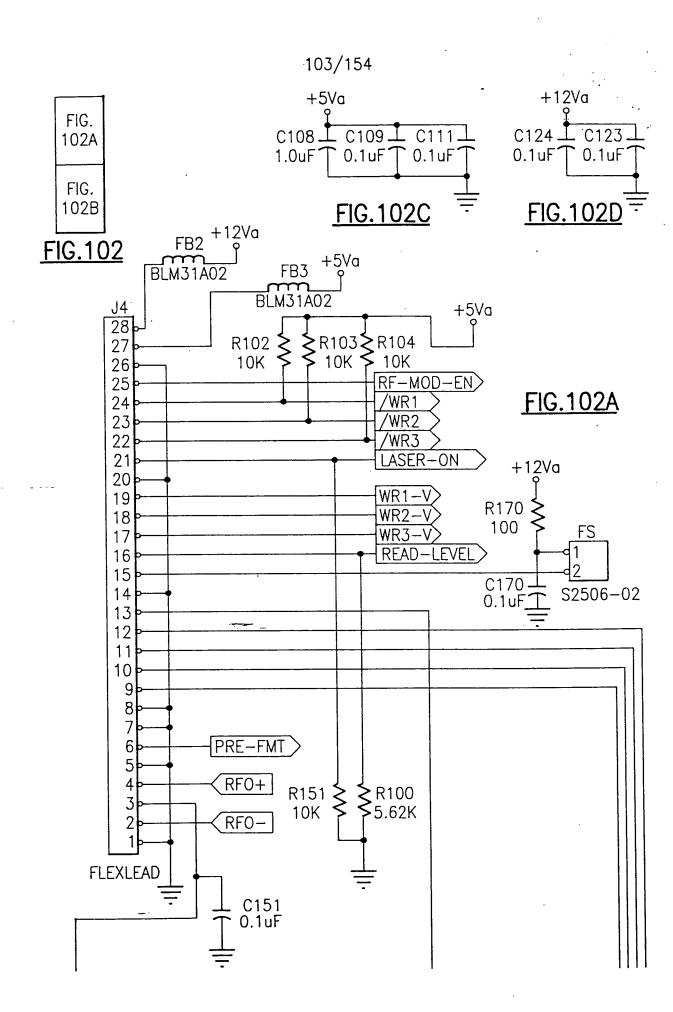
FIG.100B

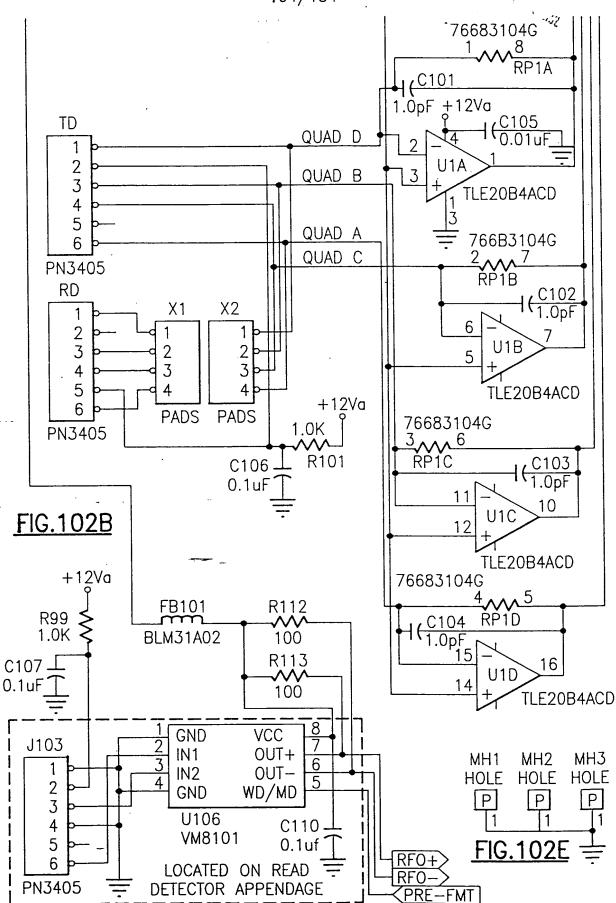
FIG.100B(2)

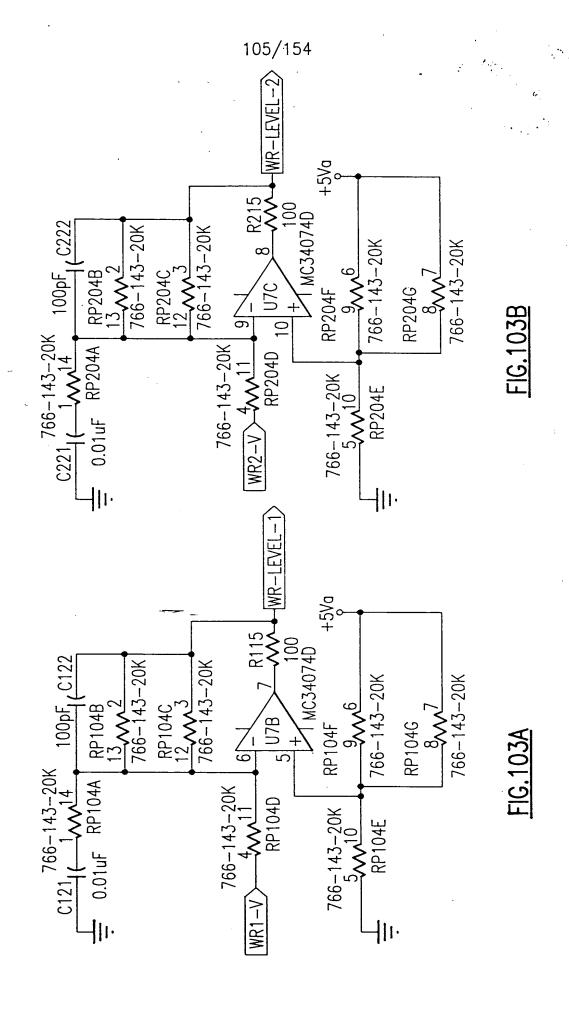


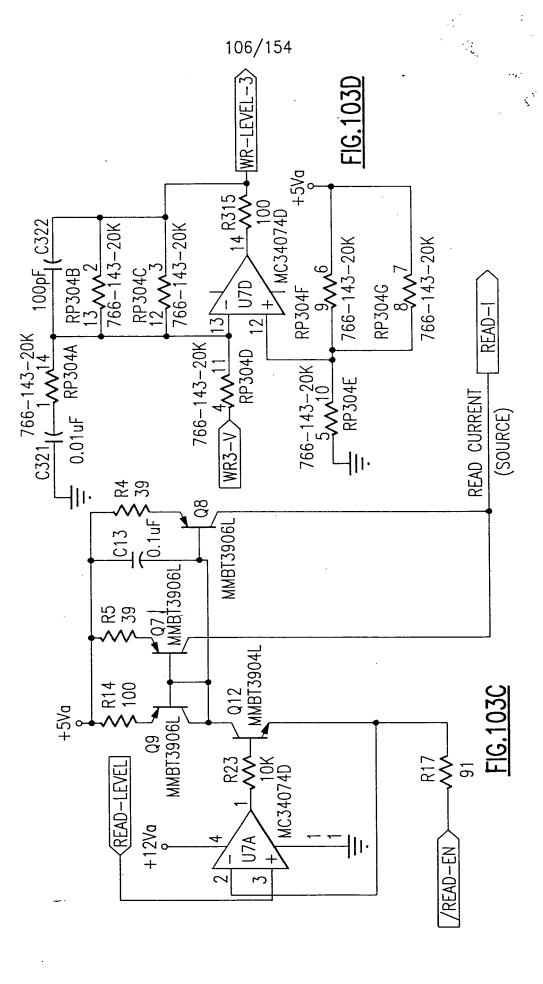


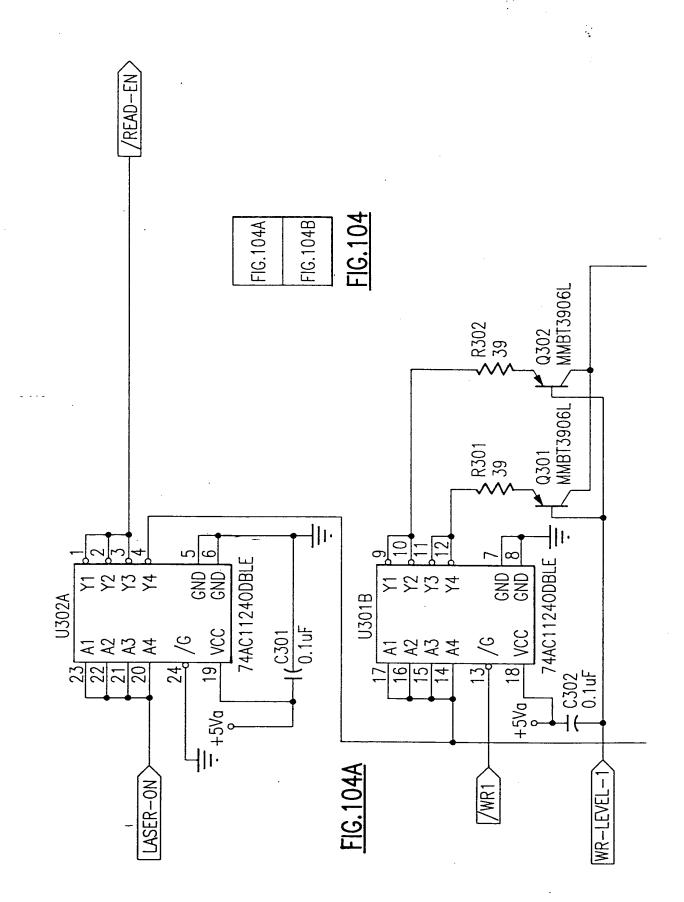




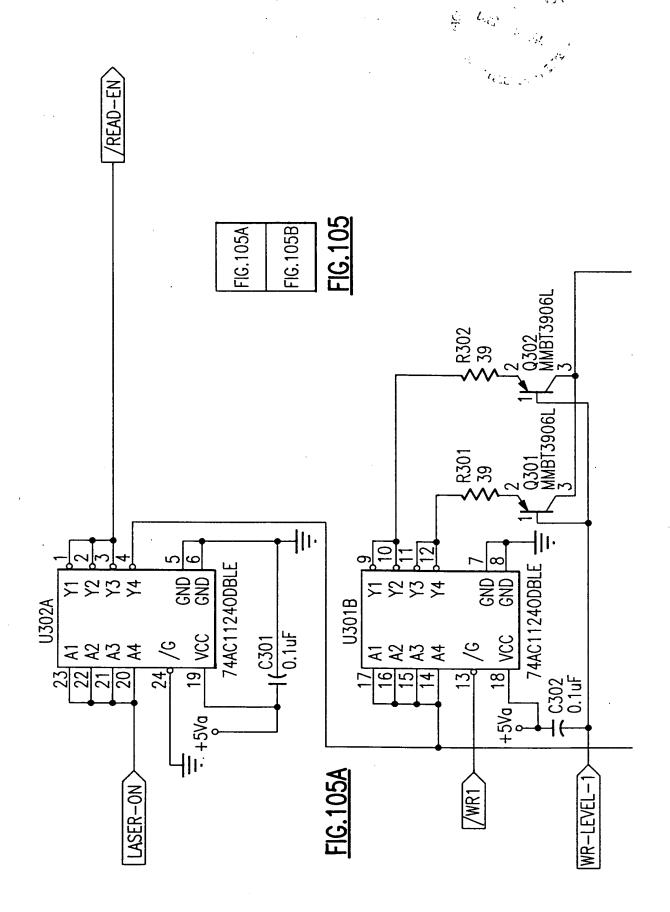


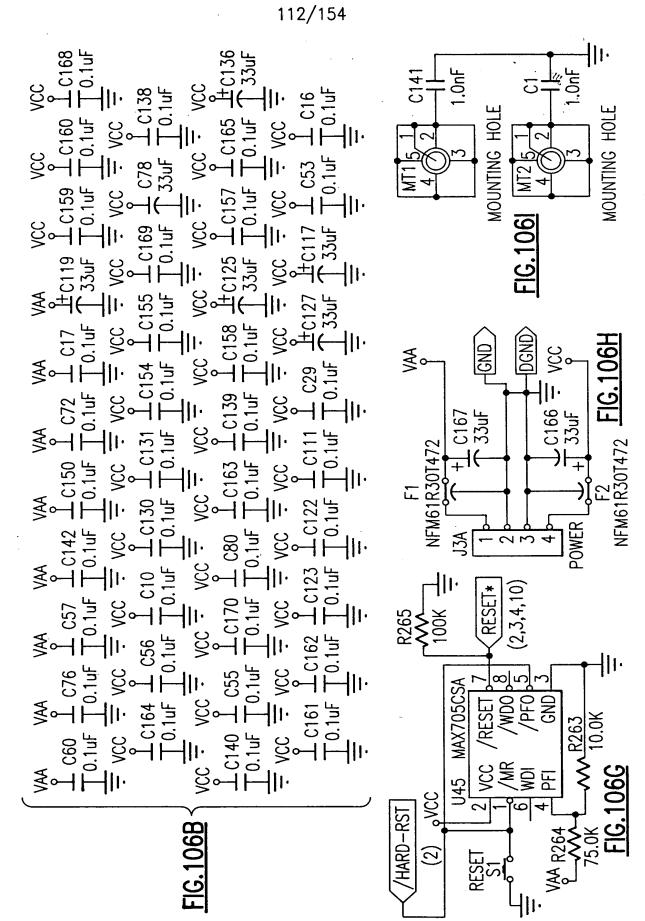


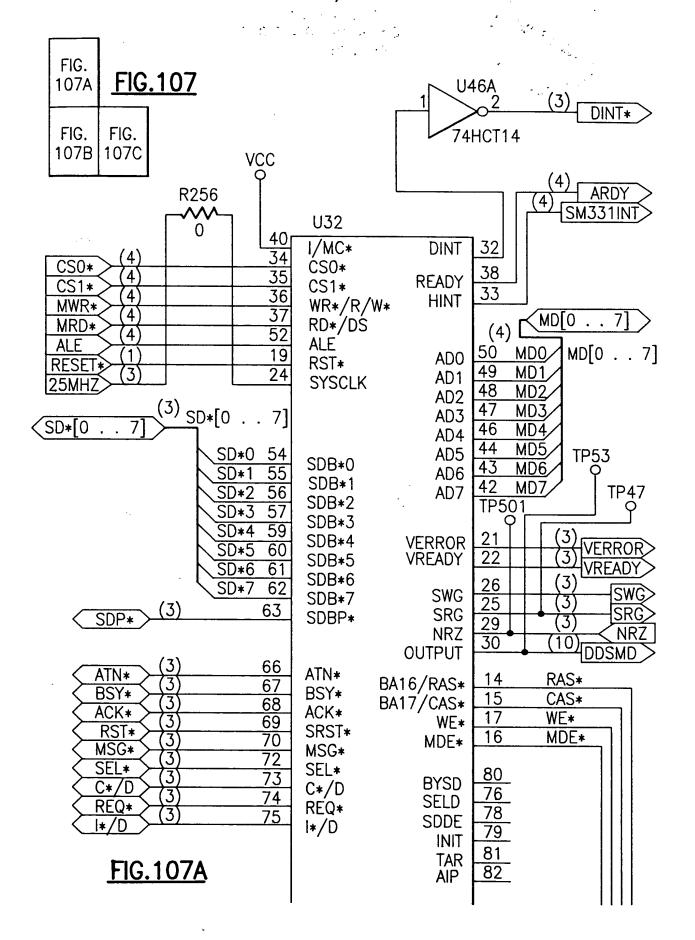


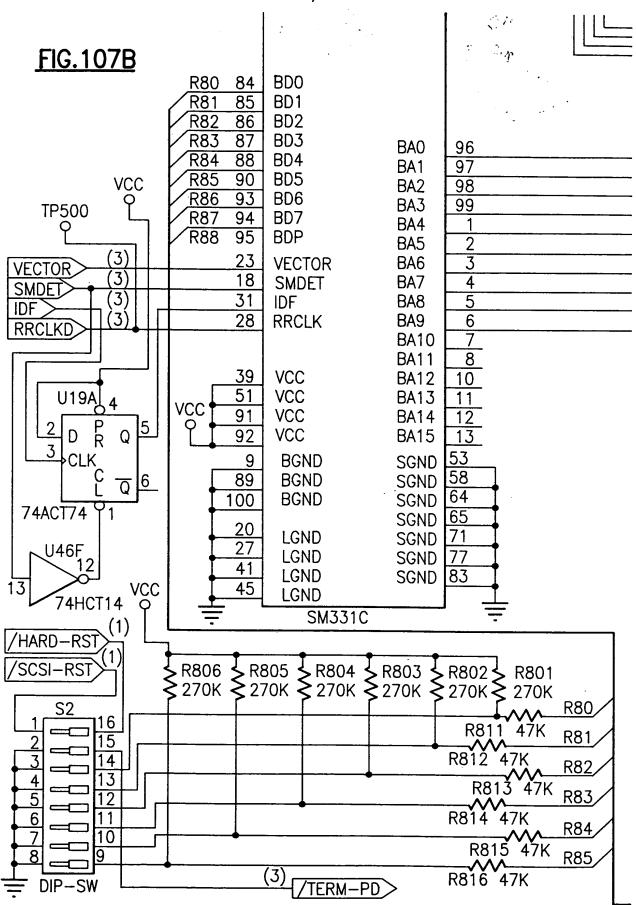


ř

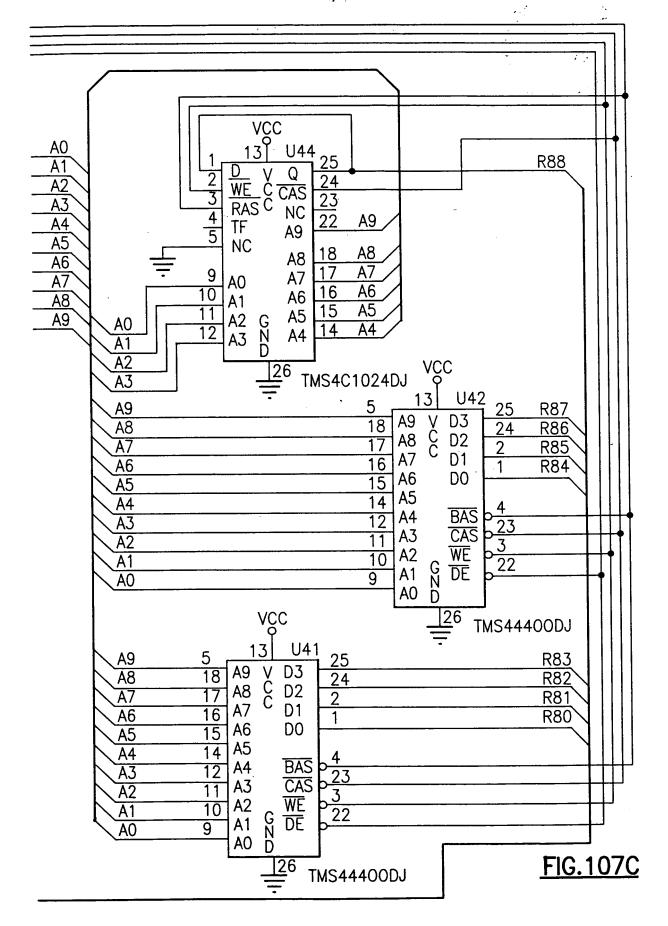


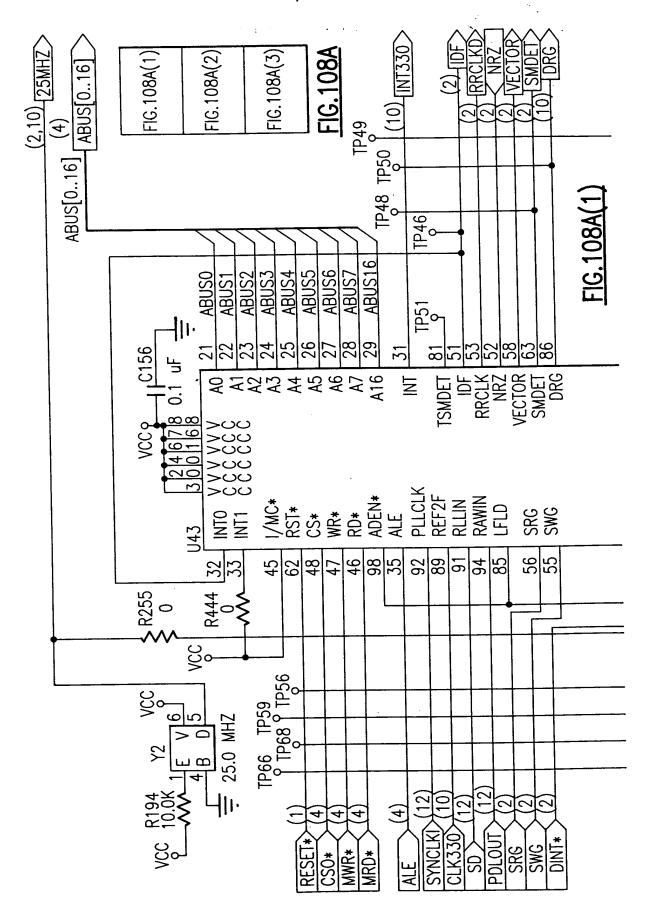


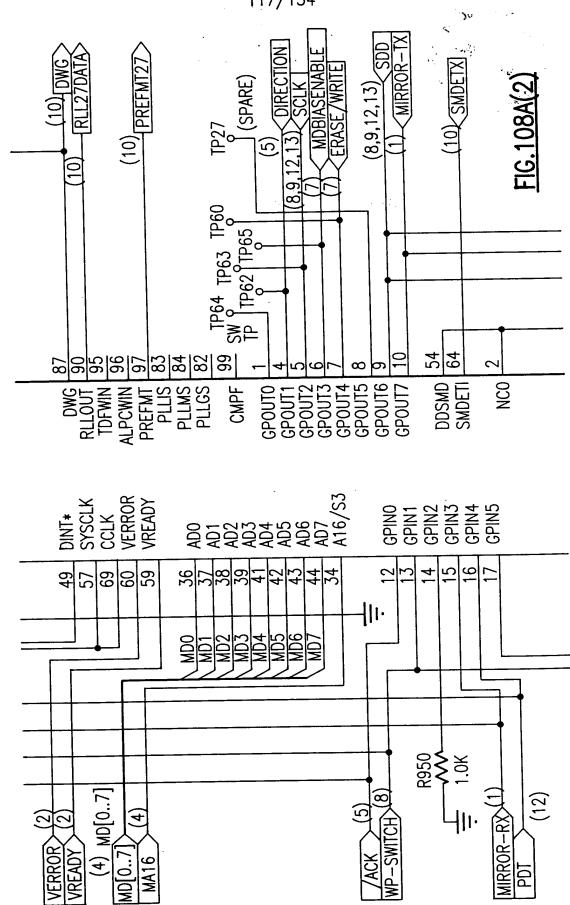


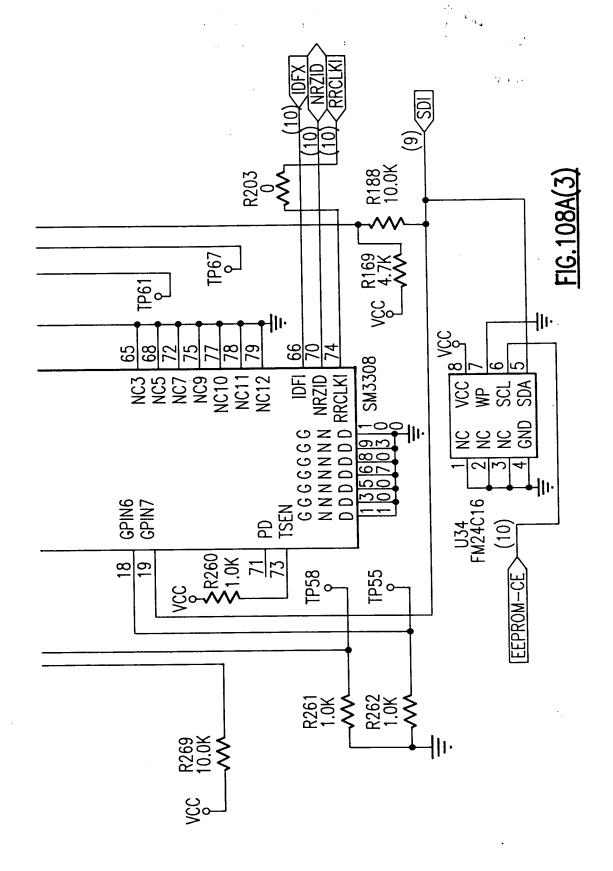


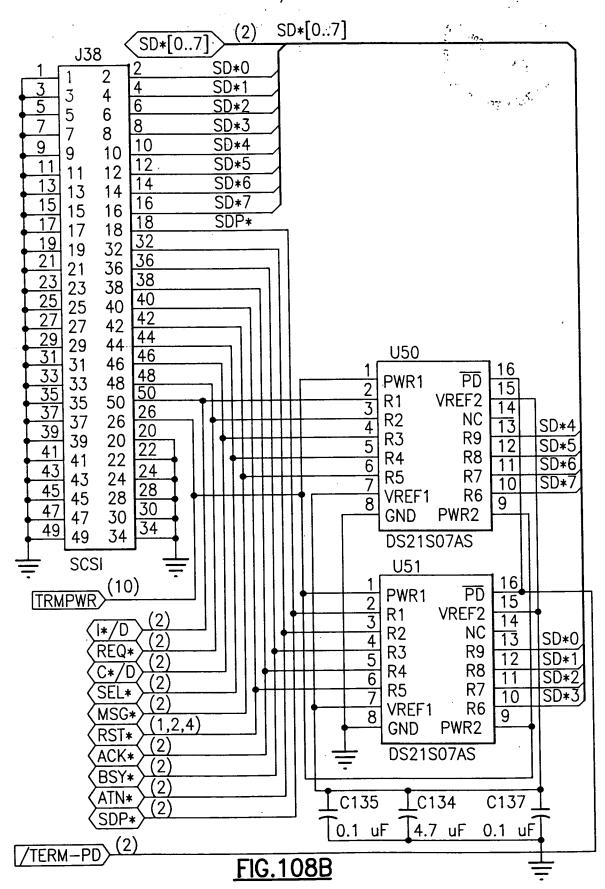
Ø

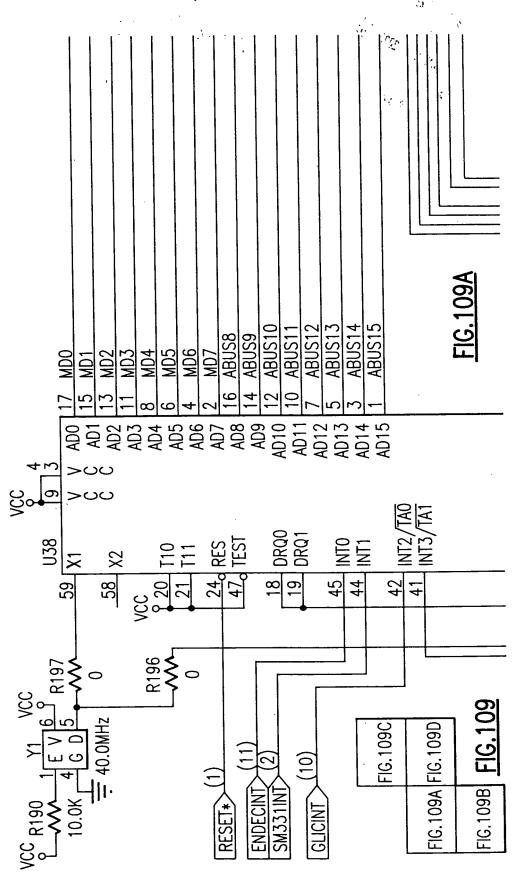


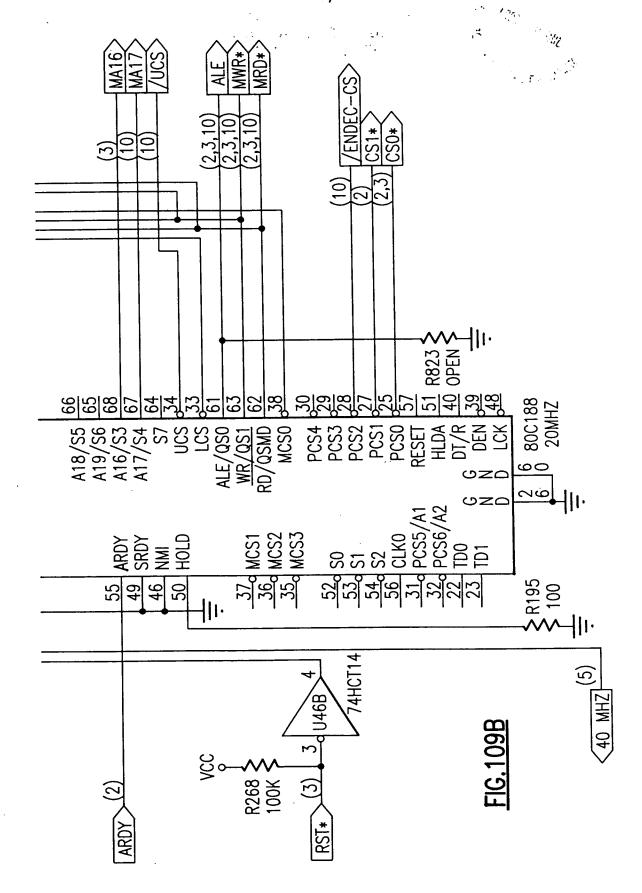












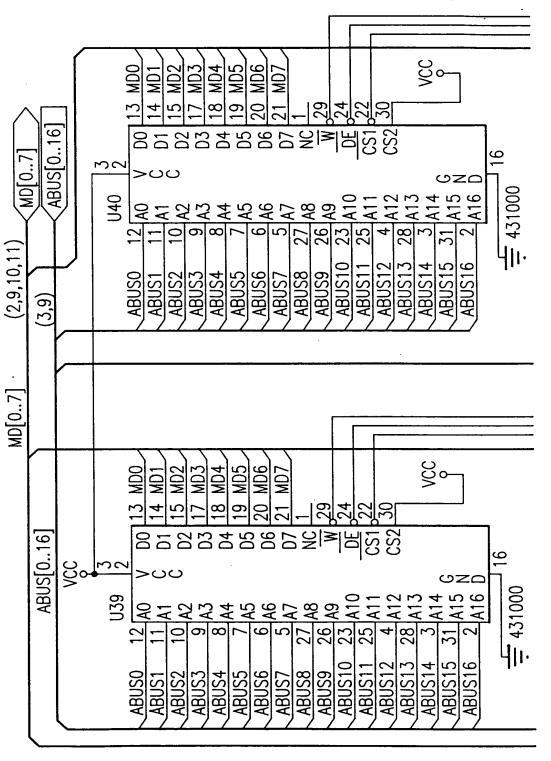


FIG. 109C

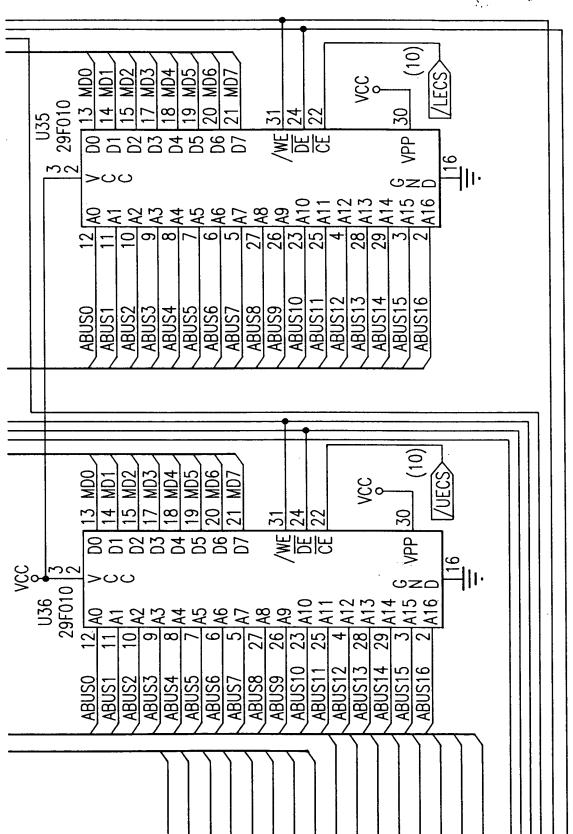
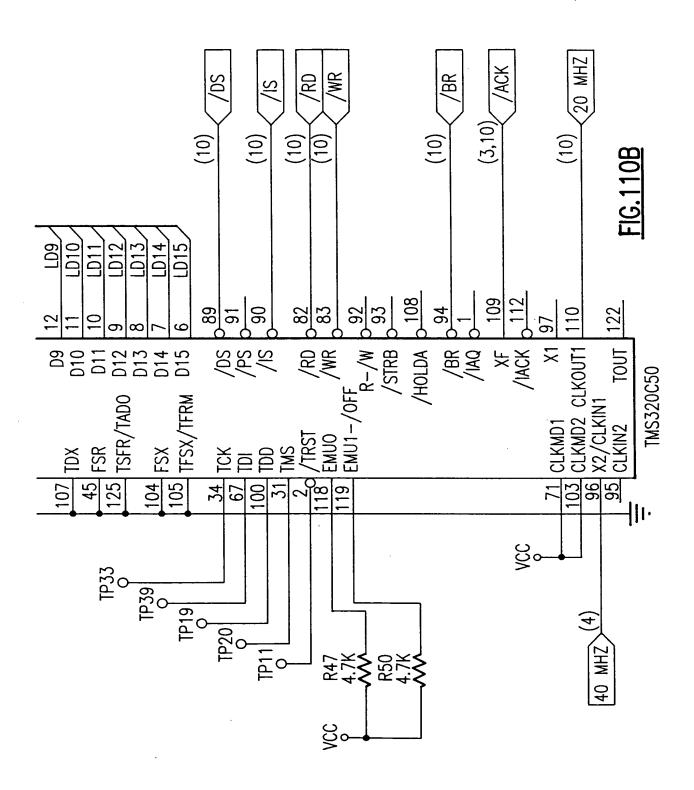
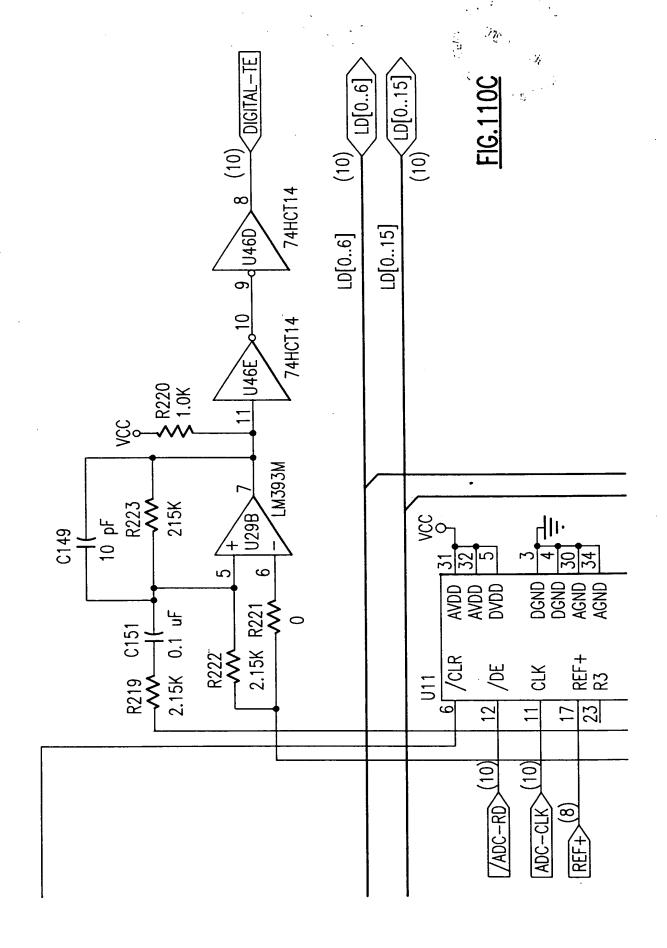
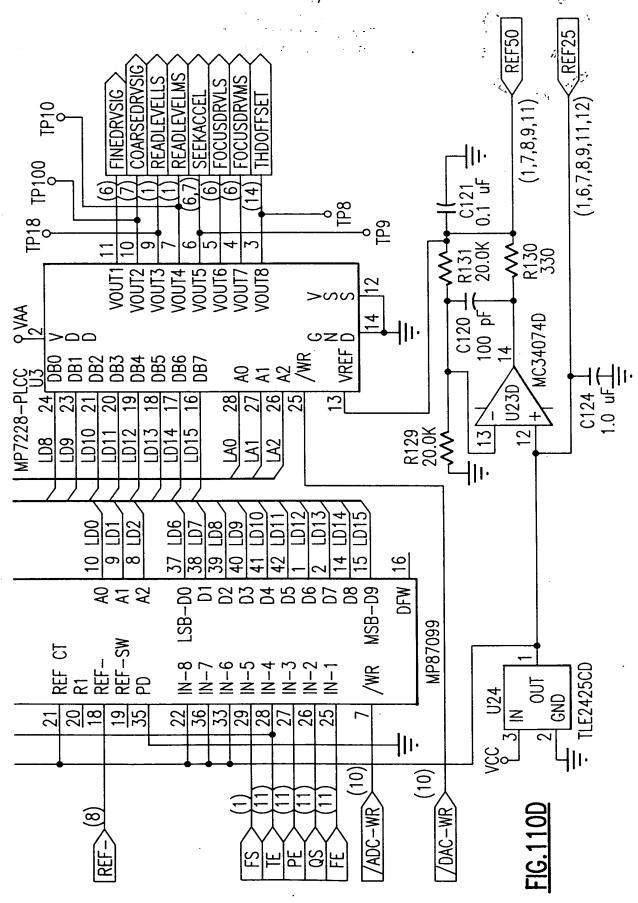
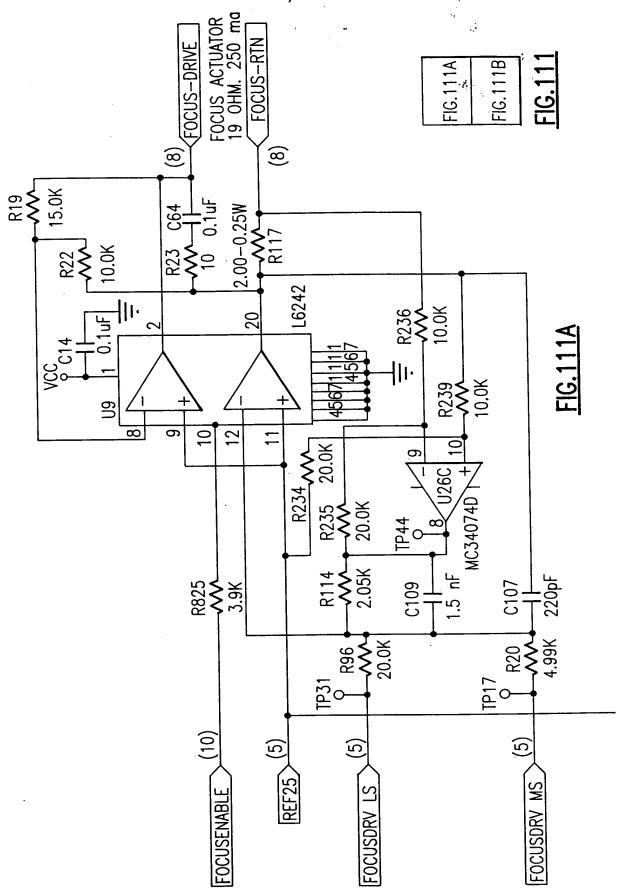


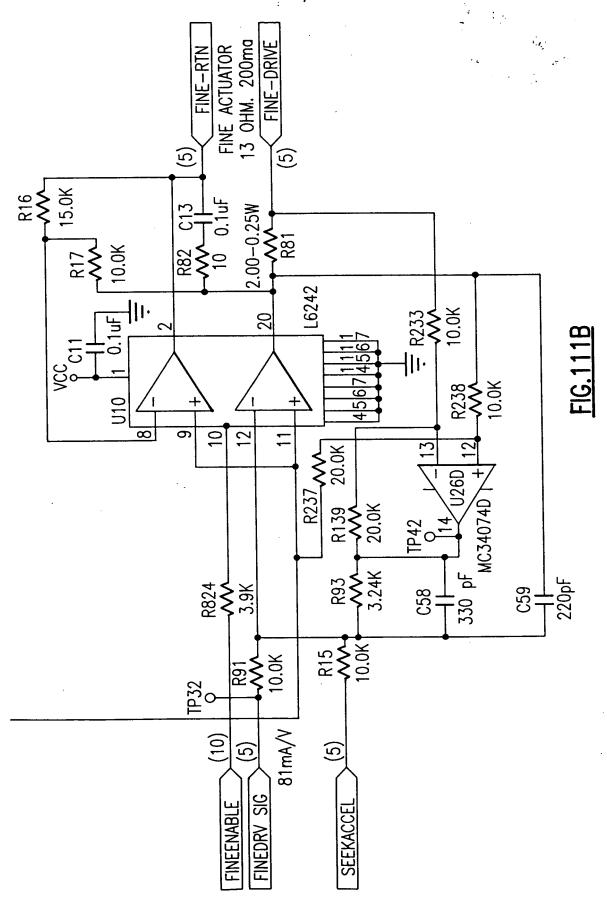
FIG. 109D

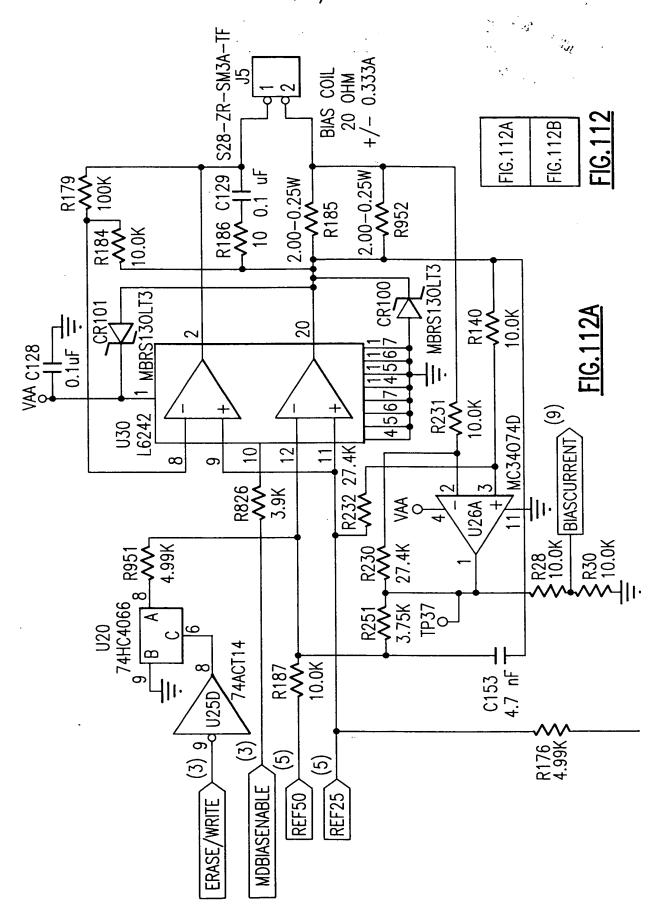


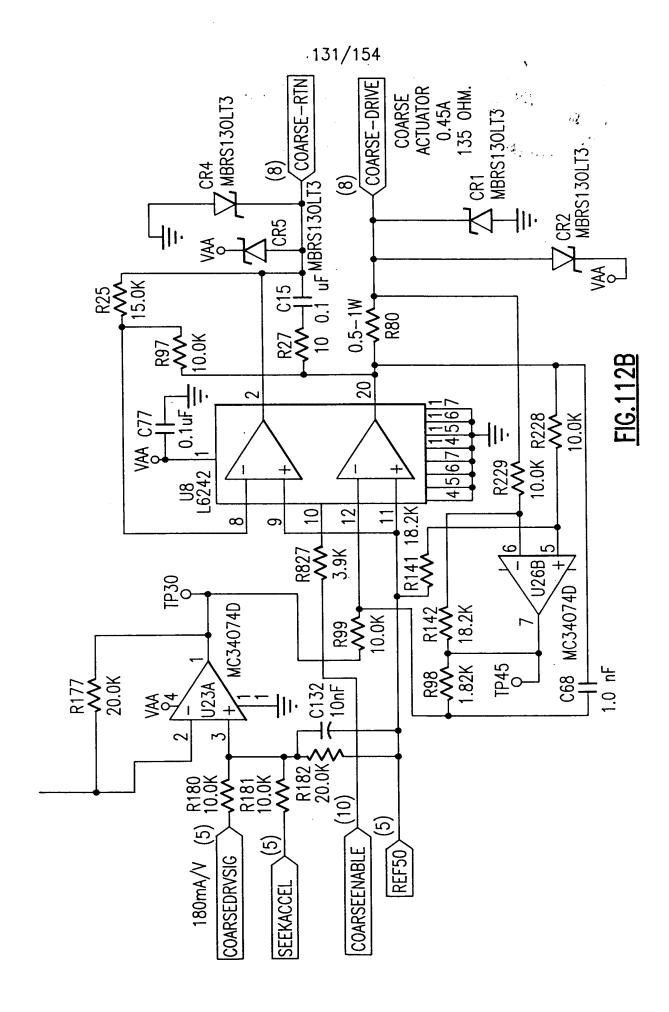


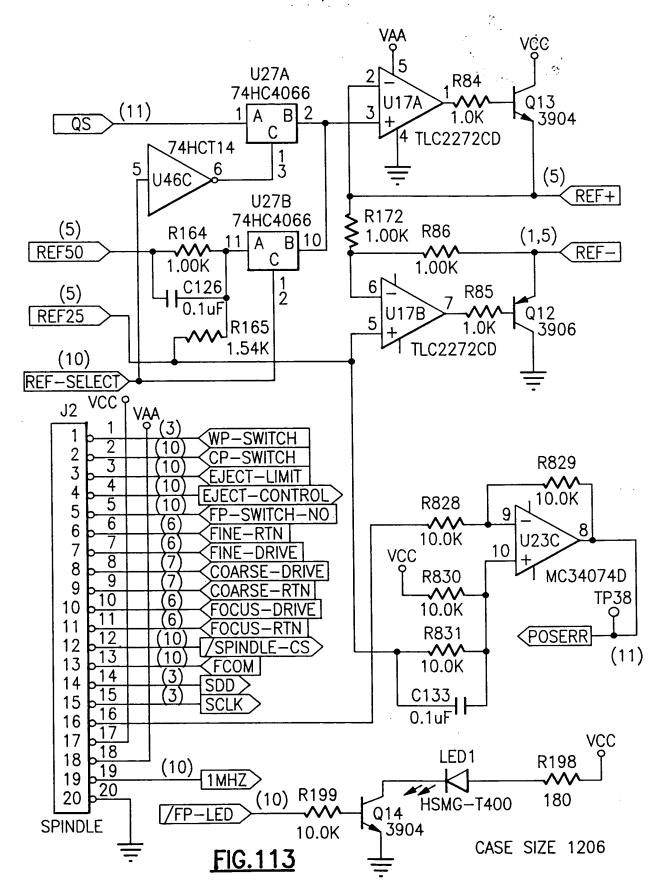


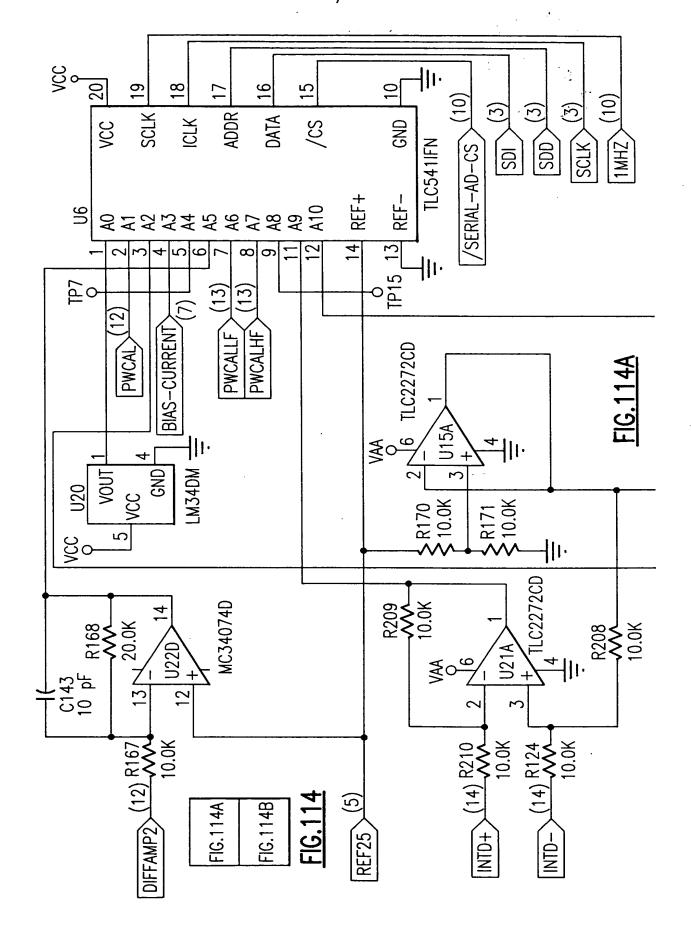


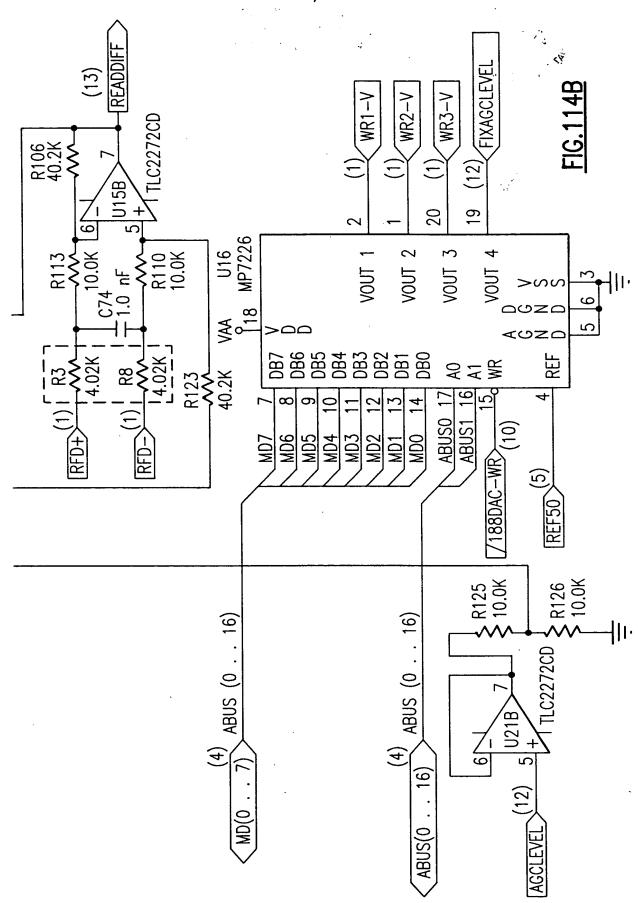


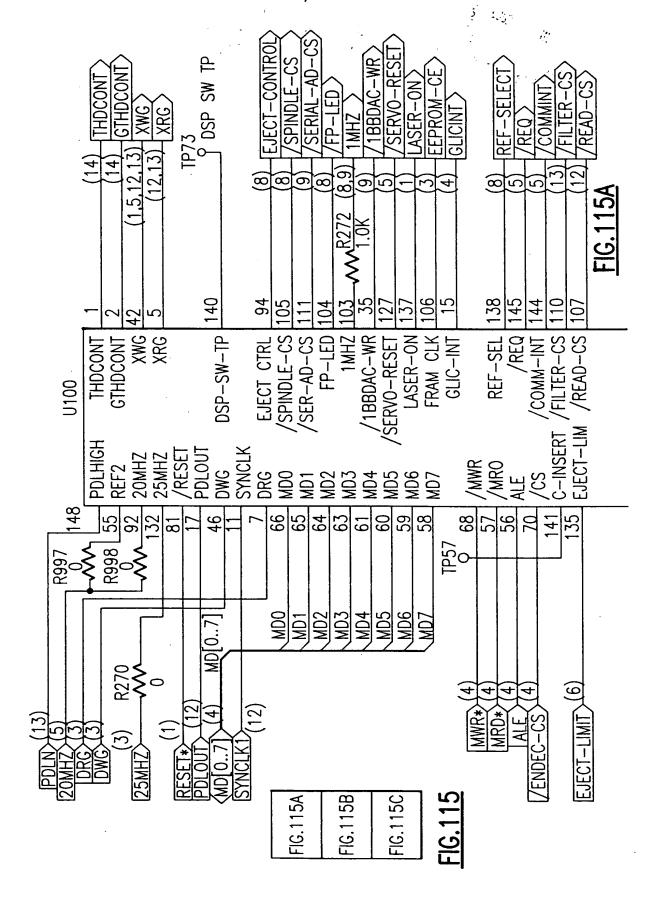




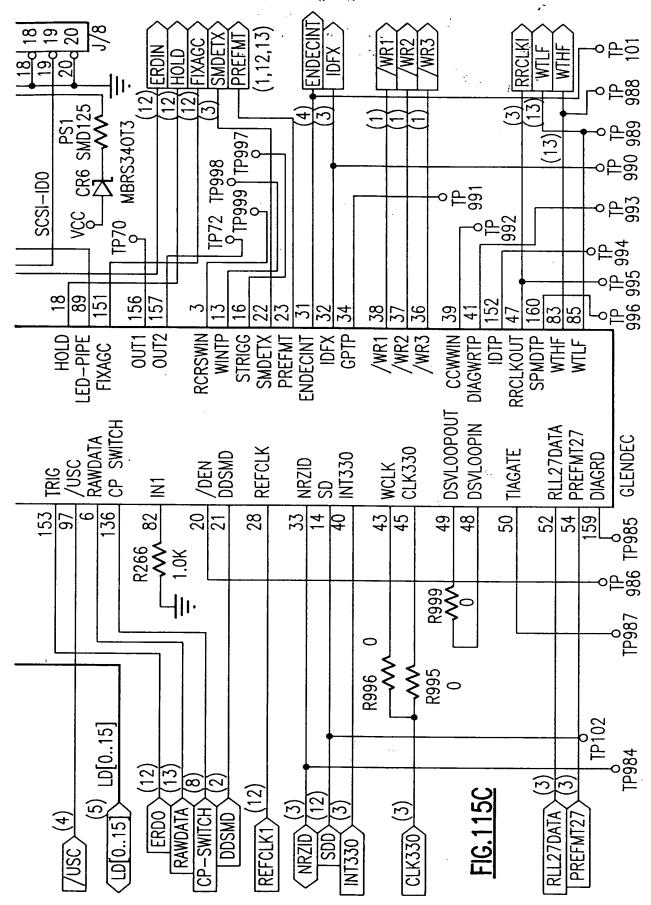


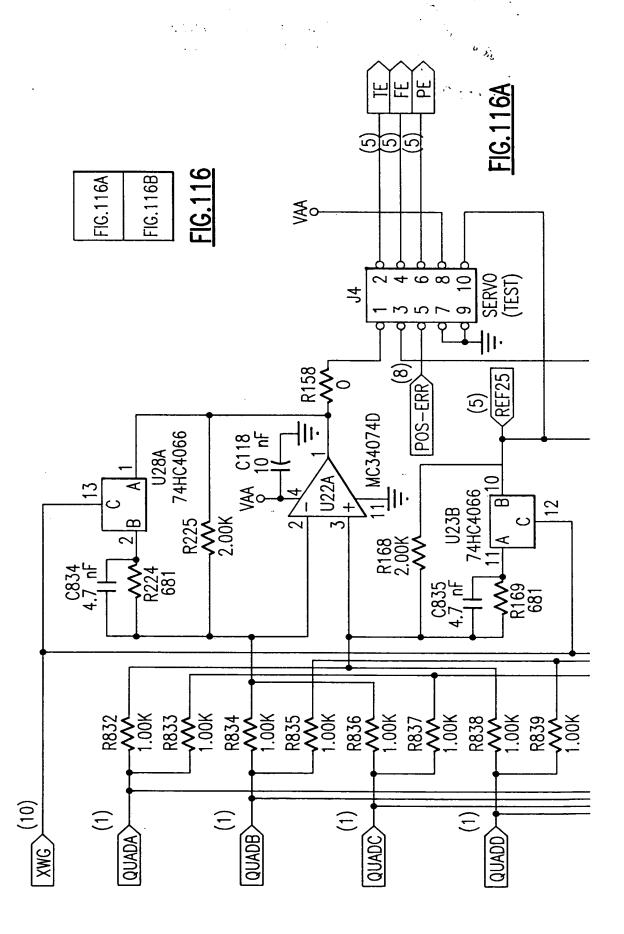


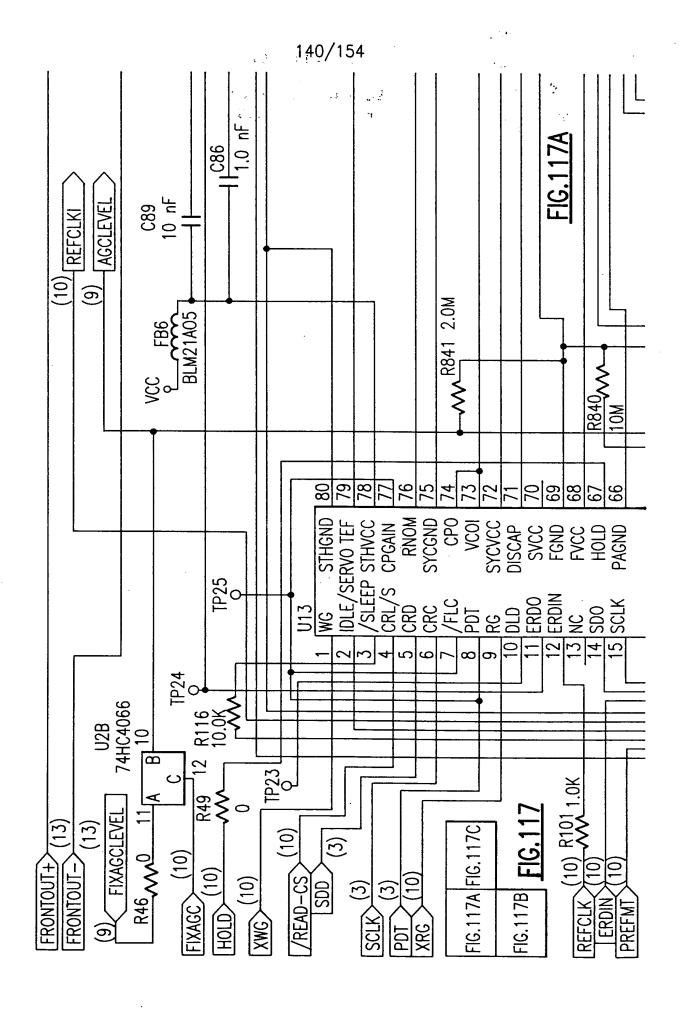


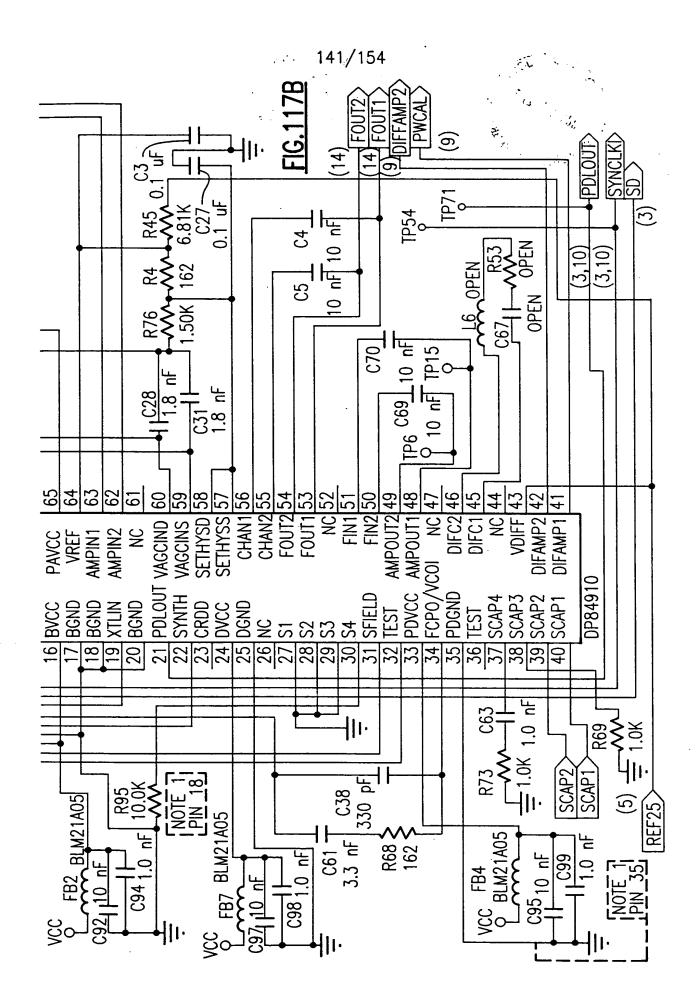


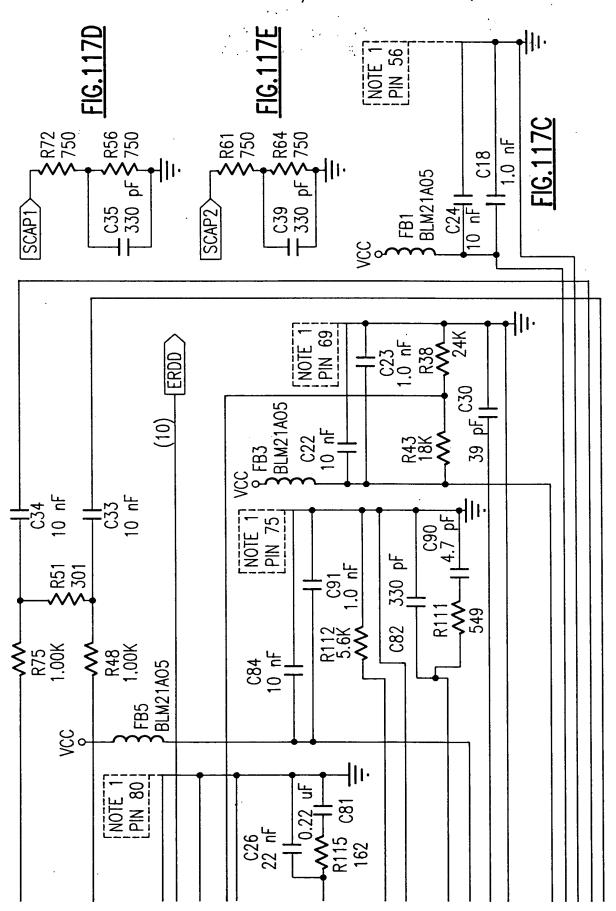
Z-224507860-254597
- 2m 4 m o c o o o o o o o o o o o o o o o o o
NABLE NABLE AC-EJECT
KK
LECS PWRDNE  ADC—CLK  ADC—WR  ADC—WR  ADC—WR  COURSE—ENABLE  COURSE—ENABLE  AC—E  AC—C  AC
(6) FINE-COUR (6) FINE-COUR (6) FINE-COUR (7) COUR (7) COUR (7) COUR (4) COUR (7) CO
9 95 123 121 121 122 126 130 130 88 88 88 88 88 87 87 87 88 88 88 88 30 88 88 88
ADCADON CANCELER
PIGITAL—TE FCOM FP—SW—NO MA17 /DSP—IS /DSP—RD JSP—A1 JSP—A2 JSP—A3 JSP—A3 JSP—A4 JSP—A3 JSP—A4 JSP—A3 JSP—A2 JSP—A3 JSP—D3 JSP—D3 JSP—D4 JSP—D5 JSP—D5 JSP—D5 JSP—D6 JSP—D7 JSP—D6 JSP—D6 JSP—D7 JSP—D6 JSP—D7 JSP—D6 JSP—D7 JSP—D6 JSP—D7 JSP—D6 JSP—D7 JSP—D7 JSP—D6 JSP—D7 JSP
DIGITAL—TE FCOM FP—SW—N MA17 /DSP—IS /DSP—RD /DSP—A1 DSP—A2 DSP—A3 DSP—A4 DSP—A4 DSP—DS DSP—DS DSP—D0 OSP—D1 DSP—D1 DSP—D2 OSP—D3 DSP—D3 DSP—D3 DSP—D3 DSP—D3 DSP—D3 DSP—D3 DSP—D4 DSP—D5 DSP—D5 DSP—D6 DSP—D6 DSP—D6
124 126 134 134 100 100 100 100 100 100 100 100 100 10
D01 D02 D03 D04 D05 D05 D05 D05 D05 D05 D05 D05 D05 D05
AH-TE MA17 IN BR A17 IN BR
FIG. 115B
E (5) (5) (5) (14(06)

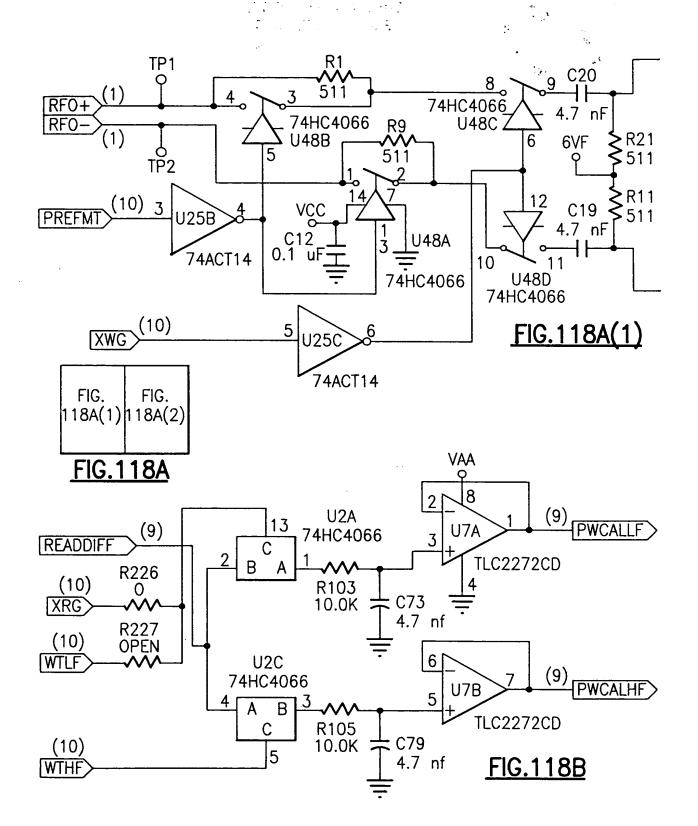


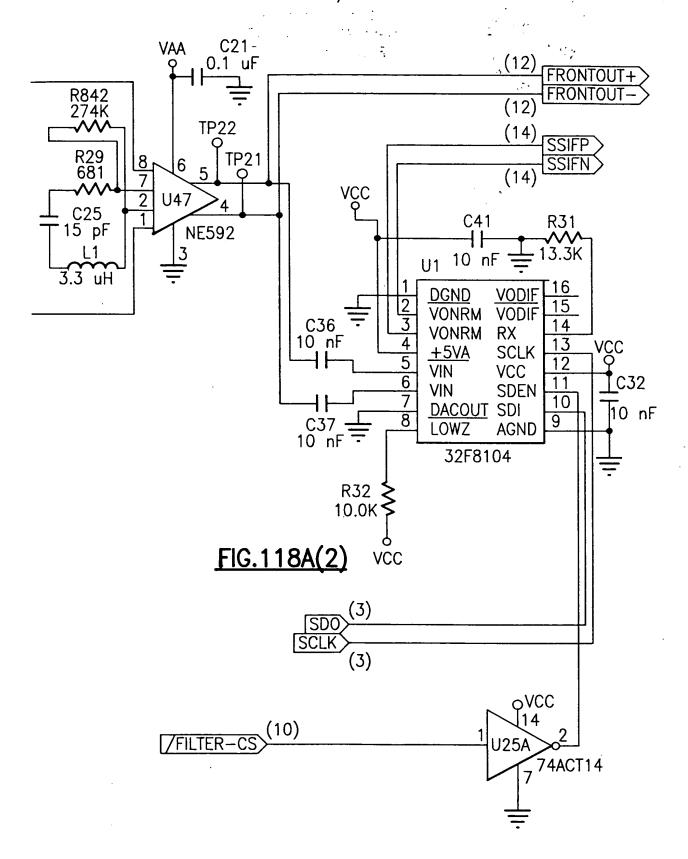




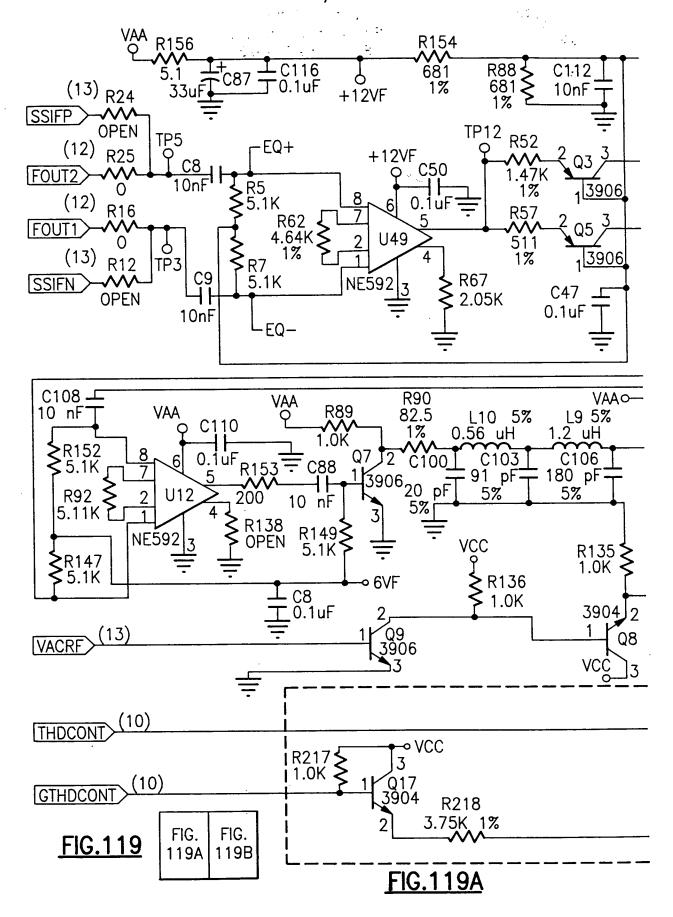


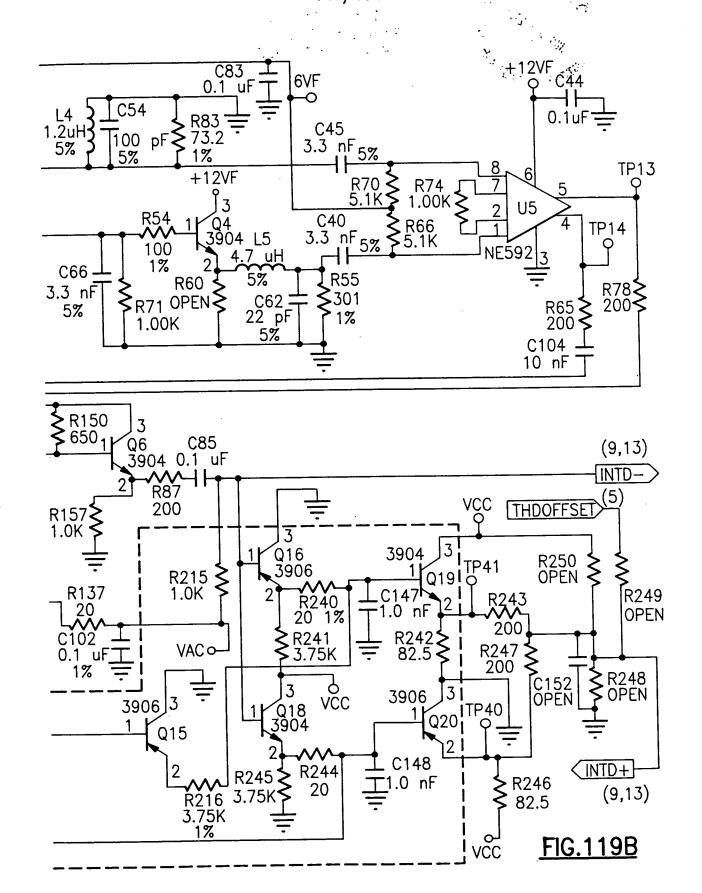


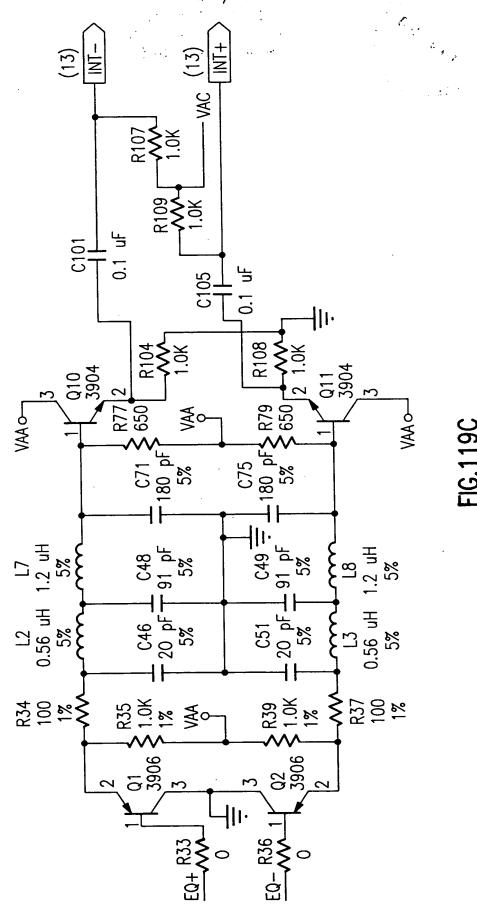


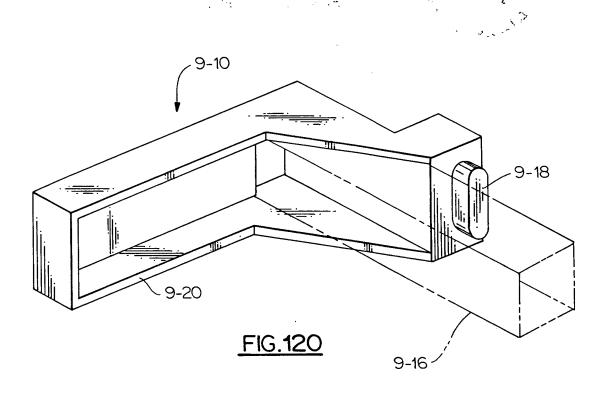


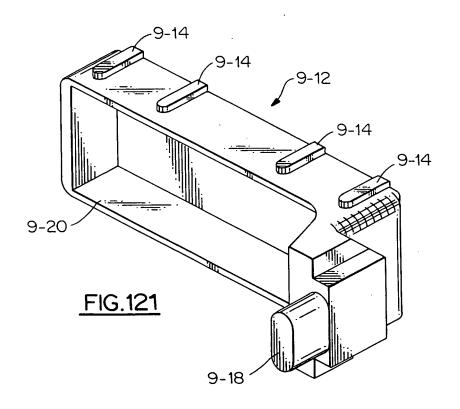
INTD-INT+ INT-











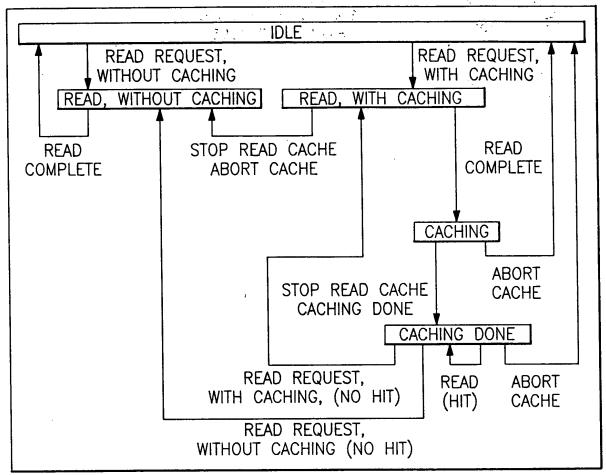


FIG.122

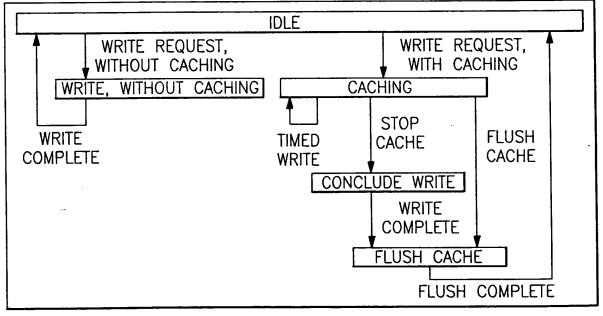


FIG. 123

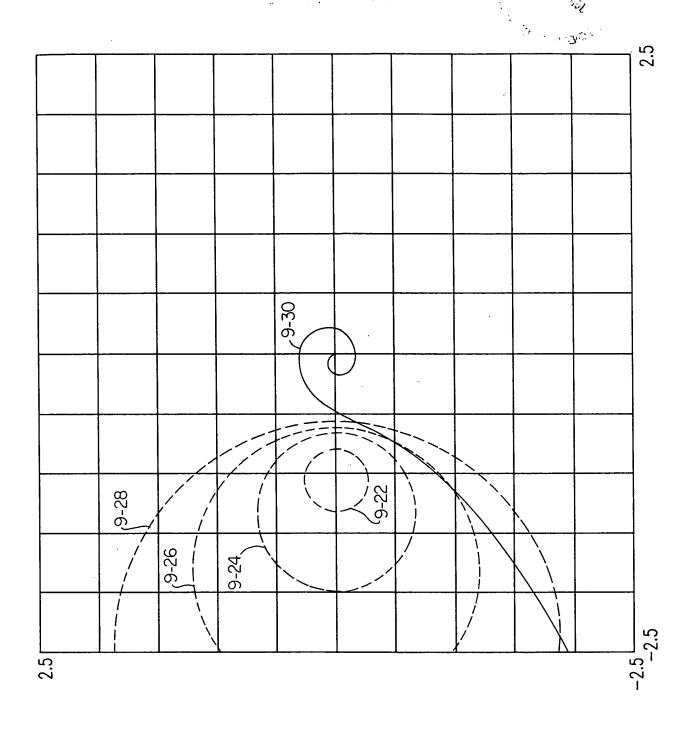


FIG. 124

